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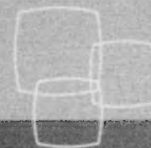
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The Patent

Office Record

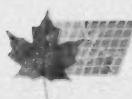
La Gazette

du Bureau des brevets



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CIPO  OPIC

THE CANADIAN PATENT OFFICE RECORD

LA GAZETTE DU BUREAU DES BREVETS

Sylvain Laporte
Commissioner of Patents

Sylvain Laporte
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention

- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques ». Ces codes sont utilisés pour l'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris

- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of \$1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:

	N/A
a) for each request	\$10
b) plus, for each patent or application to which the request relates	\$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	\$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	\$10

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of \$1 per page from the Patent Office.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 \$ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :

	S.O.
a) pour chaque demande	10 \$
b) pour chaque demande de brevet ou brevet visé par la demande	10 \$
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 \$
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 \$

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 \$ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After April 29, 2014

1. Transmittal Fee (Rule 14)	\$300
2. International Filing Fee	\$1638*
For each additional sheet over 30	\$18
3. International Search Fee	\$1600

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 29 avril 2014

1. Taxe de transmission (Règle 14)	300 \$
2. Taxe de dépôt internationale	1638 \$*
Pour chaque feuille au delà de 30	18 \$
3. Taxe de recherche internationale	1600 \$

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

Notices

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt
international

Preliminary Examination

5. Handling fee (Rule 57.2(a)) \$246

6. Preliminary examination fee \$800
(Rule 58)

Examen préliminaire

5. Taxe de traitement (Règle 57.2a)) 246 \$

6. Taxe d'examen préliminaire 800 \$
(Règle 58)

* International fees will be reduced by:

- \$123 for all applications filed using PCT-EASY,
- \$246 for all applications filed electronically using PCT-SAFE (The request in character coded format).
- \$369 for all applications filed electronically using PCT-SAFE (The request, description, claims and abstract in character coded format).

* Les frais seront réduits de:

- 123 \$ pour toutes les demandes déposées en utilisant PCT-EASY,
- 246 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête étant en format à codage de caractères).
- 369 \$ pour toutes les demandes déposées en utilisant PCT-SAFE (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

STATUTORY HOLIDAYS (*DIES NON*)

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business; on which ordinary mail is not delivered in the locality in which such Office or organization is situated; which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles; où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé; qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

Avis

- 1) **Alberta**: 3rd Monday in February (Alberta Family Day)
 - 2) **British Columbia**: 1st Monday in August (British Columbia Day)
 - 3) **New Brunswick**: 1st Monday in August (New Brunswick Day)
 - 4) **Nova Scotia**: 1st Monday in August (Civic Holiday)
 - 5) **Ontario**: 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
 - 6) **Quebec**: June 24 (St. John the Baptist Day)
 - 7) **Saskatchewan**: 1st Monday in August (Saskatchewan Day)
 - 8) **Yukon**: 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business
- 1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
 - 2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
 - 3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
 - 4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
 - 5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statutaire)
 - 6) **Québec** : 24 juin (Saint-Jean-Baptiste)
 - 7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
 - 8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays

*New Year's Day (Jan. 1)

Good Friday

Easter Monday

Victoria Day - First Monday immediately preceding May 25

*St. John the Baptist Day (June 24)

*Canada Day (July 1)

Labour Day - First Monday in September

Thanksgiving Day - Second Monday in October

*Remembrance Day (November 11)

*Christmas Day (December 25)

Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche

*Jour de l'An (1er janvier)

Vendredi Saint

Lundi de Pâques

Fête de Victoria - premier lundi précédant immédiatement le 25 mai

*Saint-Jean-Baptiste (le 24 juin)

*Fête du Canada (1er juillet)

Fête du travail - premier lundi de septembre

Jour de l'Action de grâces - deuxième lundi d'octobre

*Jour du souvenir (11 novembre)

*Jour de Noël (25 décembre)

L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaut.

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais « partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships ») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

Avis

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 8, 2012

Effective May 15, 2012 this notice replaces all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the [Fee Payment Form](#).

15. Procédures de correspondance

Le 8 mai 2012

Le présent avis, en vigueur à compter du 15 mai 2012, remplace tous les avis antérieurs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le [formulaire de paiements](#).

Notices

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
C.D. Howe Building
235 Queen Street, Room S-143
Ottawa ON K1A 0H5
Tel.: 613-952-2268
2. Industry Canada
5 Place Ville-Marie, Suite 700
Montreal QC H3B 2G2
Tel.: 514-496-1797
Toll-free: 1 888 237-3037
3. Industry Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000
4. Industry Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1 800 461-2646
5. Industry Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
Édifice C.D. Howe
235, rue Queen, pièce S-143
Ottawa (Ontario) K1A 0H5
Tél. : 613-952-2268
2. Industrie Canada
5, Place Ville-Marie, pièce 700
Montréal (Québec) H3B 2G2
Tél. : 514-496-1797
Sans frais : 1-888-237-3037
3. Industrie Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000
4. Industrie Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646
5. Industrie Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Avis

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

2. Registered Mail Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence delivered through the Registered Mail Service of Canada Post will be considered to be received on the date stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via [CIPO's Web site](#) or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings and applications prepared using the PCT-EASY or PCT-SAFE as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement ou bureau désigné auquel la correspondance adressée au commissaire aux brevets, au Bureau du droit d'auteur ou au registraire des topographies peut être livrée.

La correspondance livrée par l'entremise du service Courrier recommandé de Postes Canada sera réputée reçue à la date estampillée sur l'enveloppe par Postes Canada seulement si l'OPIIC est ouvert au public à cette date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIIC.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du *Règlement sur le droit d'auteur*, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le [site web de l'OPIIC](#) ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée dans la phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des demandes et des listages de séquences préparés à l'aide de PCT-EASY ou PCT-SAFE, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Notices

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence which is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: 819-994-2269.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office or the Registrar of Topographies may be sent electronically via [CIPO's Web site](#).

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoi. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré dans la lettre d'envoi en vue d'assurer un traitement rapide. Pour prendre les dispositions nécessaires, on pourra communiquer avec la Direction des finances de l'OPIC en composant le 819-994-2269.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le [site Web de l'OPIC](#).

Patents

For the purpose of subsection 5(6) of the Patent Rules, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software. The filing must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for the registration of a trade-mark;
- filing of a revised application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application;
- statement of opposition; and
- request an extension of time in trade-mark opposition proceedings.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance suivante destinée au Bureau des brevets peut être envoyée par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE

Conformément à la Règle 89*bis* du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide du logiciel PCT-SAFE fourni par le Bureau international. Le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales, appelé dépôt électronique de demande PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- demande d'enregistrement d'une marque de commerce;
- demande d'enregistrement d'une marque de commerce modifiée;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce;
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce;
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Notices

Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- [application for registration of a copyright in a work;](#)
- [application for registration of a copyright in a performer's performance, sound recording or communication signal;](#)
- [Filing a grant of interest;](#)
- [Request for certificate of correction;](#)
- [ordering copies in paper, or electronic form of a document; and](#)
- [general correspondence relating to copyrights.](#)

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- [application for registration of an industrial design;](#)
- [ordering copies in paper, or electronic form of a document;](#)
- [general correspondence relating to industrial designs; and](#)
- [payment of industrial design maintenance fees.](#)

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- [general correspondence relating to integrated circuit topographies.](#)

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un droit d'auteur sur une oeuvre;](#)
- [demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;](#)
- [dépôt d'une concession d'intérêt;](#)
- [demande de certificat de correction;](#)
- [commande de copies des documents papier ou électroniques; et](#)
- [correspondance générale relative aux droits d'auteur.](#)

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [demande d'enregistrement d'un dessin industriel;](#)
- [commande de copies de documents papier ou électroniques;](#)
- [correspondance générale relative aux dessins industriels; et](#)
- [paiement des droits de maintien des dessins industriels.](#)

Topographies de circuits intégrés

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- [correspondance générale relative aux topographies de circuits intégrés.](#)

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées à l'article 93 des *Règles sur les brevets* resteront applicables.

Avis

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Canada as Receiving Office Under the PCT: PCT-EASY

Pursuant to PCT Rule 89ter, CIPO, in its role as a receiving Office, accepts the filing of an international application containing the request presented as a print-out prepared using the PCT-EASY features of the PCT-SAFE software made available by the International Bureau together with an electronic medium containing a copy in electronic form of the data contained in the request and of the abstract. For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

- only on an electronic medium in electronic form in accordance with section 802 of Part 8 of the PCT Administrative Instructions; or
- both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Le Canada comme office récepteur au titre du PCT: PCT-EASY

Conformément à la Règle 89ter du PCT, à titre d'office récepteur l'OPIC accepte que le dépôt d'une demande internationale présentée sur support papier et préparée à l'aide des fonctions PCT-EASY du logiciel PCT-SAFE fourni par le Bureau international soit accompagné d'un support électronique contenant une copie sous forme électronique des données figurant dans la demande et l'abrégé. À cette fin, l'office récepteur canadien acceptera tout support électronique indiqué à l'Annexe F des Instructions administratives du PCT.

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

- seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT; ou
- sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT;

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT respectivement.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labelling of the electronic media and the calculation of the international filing fee, refer to Section 7 of the PCT Administrative Instructions.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau des brevets acceptera des disquettes, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Avis

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;
- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellant Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Notices

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of December 16, 2014 contains applications open to public inspection from November 30, 2014 to December 6, 2014.

17. Erratum

The information concerning application number 2,808,059 referred to under the section *Canadian Applications Open to Public Inspection* of the *Canadian Patent Office Record* of September 9, 2014 was incorrect. Please note that no application is open to public inspection under this number.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 16 décembre 2014 contient les demandes disponibles au public pour consultation pour la période du 30 novembre 2014 au 6 décembre 2014.

17. Erratum

Les renseignements concernant la demande 2,808,059 sous la rubrique *Demandes canadiennes mises à la disponibilité du public* de la *Gazette du Bureau des brevets* du 9 septembre 2014 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

December 16, 2014

Brevets canadiens délivrés

16 décembre 2014

[11] 2,436,163
[13] C
[51] Int.Cl. B60L 7/16 (2006.01) H02M 1/084 (2006.01) H02P 25/16 (2006.01)
[25] EN
[54] INVERTER DRIVE SYSTEM
[54] SYSTEME D'ALIMENTATION A PLUSIEURS ONDULEURS
[72] MORISHITA, TAKASHI, US
[73] TOSHIBA INTERNATIONAL CORPORATION, US
[86] (2436163)
[87] (2436163)
[22] 2003-07-29
[30] US (10/350,076) 2003-01-24

[11] 2,438,119
[13] C
[51] Int.Cl. C12N 15/62 (2006.01) A01K 67/027 (2006.01) C07K 14/705 (2006.01) C07K 14/72 (2006.01) C07K 19/00 (2006.01) C12N 15/12 (2006.01) C12N 15/63 (2006.01) C12Q 1/02 (2006.01) C12Q 1/68 (2006.01)
[25] EN
[54] CHIMERIC RETINOID X RECEPTORS AND THEIR USE IN A NOVEL ECDYSONE RECEPTOR-BASED INDUCIBLE GENE EXPRESSION SYSTEM
[54] RECEPTEURS X DE RETINOIDES CHIMERIQUES ET UTILISATIONS DE CEUX-CI DANS UN NOUVEAU SYSTEME D'EXPRESSION DE GENE INDUCTIBLE FONDE SUR UN RECEPTEUR D'ECDYSONE
[72] PALLI, SUBBA REDDY, US
[72] KAPITSKAYA, MARIANNA ZINOVJEVNA, US
[73] INTREXON CORPORATION, US
[85] 2003-08-11
[86] 2002-02-20 (PCT/US2002/005706)
[87] (WO2002/066614)
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[30] US (60/294,814) 2001-05-31
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[51] Int.Cl. E21B 7/12 (2006.01) E21B 21/00 (2006.01) E21B 21/08 (2006.01) E21B 33/038 (2006.01) E21B 33/08 (2006.01)
[25] EN
[54] INTERNAL RISER ROTATING CONTROL HEAD
[54] TETE DE CONTROLE ROTATIVE DE TUBE PROLONGATEUR INTERNE
[72] BOURGOYNE, DARRYL A., US
[72] HANNEGAN, DON M., US
[72] BAILEY, THOMAS F., US
[72] CHAMBERS, JAMES W., US
[72] WILSON, TIMOTHY L., US
[73] WEATHERFORD/LAMB, INC., US
[86] (2446984)
[87] (2446984)
[22] 2003-10-27
[30] US (10/281,534) 2002-10-28

[11] 2,451,492
[13] C
[51] Int.Cl. C12N 15/90 (2006.01) A01K 67/027 (2006.01) C12N 5/00 (2006.01) C12N 15/82 (2006.01)
[25] EN
[54] RECOMBINATION SYSTEMS AND A METHOD FOR REMOVING NUCLEIC ACID SEQUENCES FROM THE GENOME OF EUKARYOTIC ORGANISMS
[54] SYSTEMES DE RECOMBINAISON ET PROCEDES POUR RETIRER DES SEQUENCES D'ACIDE NUCLEIQUE DU GENOME D'ORGANISMES EUKARYOTES
[72] PUCHTA, HOLGER, DE
[72] BIESGEN, CHRISTIAN, DE
[73] SUNGENE GMBH & CO. KGAA, DE
[73] INSTITUT F. PFLANZENGENETIK, DE
[85] 2003-12-18
[86] 2002-07-02 (PCT/EP2002/007281)
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[11] 2,454,127
[13] C
[51] Int.Cl. C12N 15/82 (2006.01) A01H 5/00 (2006.01)
[25] EN
[54] EXPRESSION CASSETTE COMPRISING AN ARABIDOPSIS THALIANA TRIOSE PHOSPHATE TRANSLOCATOR PROMOTER
[54] CASSETTE D'EXPRESSION COMPRENANT UN PROMOTEUR DE TRANSLOCATION DE TRIOSE-PHOSPHATE D'ARABIDOPSIS THALIANA
[72] HEIM, UTE, DE
[72] HILLEBRAND, HELKE, DE
[72] KUNZE, IRENE, DE
[72] HERBERS, KARIN, DE
[72] SONNEWALD, UWE, DE
[72] GLICKMANN, ERIC, DE
[72] LEIN, WOLFGANG, DE
[72] HELL, RUEDIGER, DE
[72] JOST, RICARDA, DE
[73] SUNGENE GMBH & CO. KGAA, DE
[85] 2004-01-09
[86] 2002-07-05 (PCT/EP2002/007527)
[87] (WO2003/006660)
[30] DE (101 33 407.9) 2001-07-13
[30] DE (101 59 455.0) 2001-12-04
[30] DE (102 07 582.4) 2002-02-22

[11] 2,456,749
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[51] Int.Cl. H04W 88/02 (2009.01) H04W 4/16 (2009.01) G06F 17/30 (2006.01)
[25] EN
[54] CONTACT QUERY DATA SYSTEM AND METHOD
[54] SYSTEME ET METHODE DE DEMANDE DE DONNEES DE CONTACT
[72] SCIAN, ANTHONY F., CA
[72] TYSOWSKI, PIOTR KONRAD, CA
[73] BLACKBERRY LIMITED, CA
[86] (2456749)
[87] (2456749)
[22] 2004-01-30

**Canadian Patents Issued
December 16, 2014**

[11] **2,458,890**
[13] C

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 31/7088 (2006.01) A61K 39/395 (2006.01) A61K 48/00 (2006.01) A61P 33/06 (2006.01) C07K 16/20 (2006.01) C12N 15/10 (2006.01) C12P 21/08 (2006.01) C12Q 1/70 (2006.01) G01N 33/543 (2006.01) G01N 33/569 (2006.01) G01N 33/577 (2006.01)**

[25] EN

[54] **RECOMBINANT ANTI-PLASMODIUM FALCIPARUM ANTIBODIES**

[54] **ANTICORPS DE RECOMBINAISON ANTI-PLASMODIUM FALCIPARUM**

[72] DZIEGIEL, MORTEN STEEN HANEFELD, DK

[72] LUNDQUIST, RASMUS, DK

[72] NIELSEN, LEIF KOFOED, DK

[72] DRUILHE, PIERRE, FR

[73] RAM BIOTECH APS, DK

[85] 2004-02-13

[86] 2002-08-16 (PCT/IB2002/003995)

[87] (WO2003/016354)

[30] GB (0120057.5) 2001-08-16

[11] **2,478,974**
[13] C

[51] **Int.Cl. A61K 9/12 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/50 (2006.01) A61K 38/17 (2006.01)**

[25] EN

[54] **INHALABLE SUSTAINED THERAPEUTIC FORMULATIONS**

[54] **FORMULATIONS THERAPEUTIQUES SOUTENUES RESPIRABLES**

[72] BASU, SUJIT K., US

[72] CAPONETTI, GIOVANNI, IT

[72] CLARKE, ROBERT, US

[72] ELBERT, KATHARINA J., US

[73] CIVITAS THERAPEUTICS, INC., US

[85] 2004-09-09

[86] 2003-03-19 (PCT/US2003/008537)

[87] (WO2003/079885)

[30] US (60/366,479) 2002-03-20

[30] US (60/366,449) 2002-03-20

[30] US (60/366,354) 2002-03-20

[30] US (60/366,470) 2002-03-20

[30] US (60/366,487) 2002-03-20

[30] US (60/366,440) 2002-03-20

[11] **2,480,946**
[13] C

[51] **Int.Cl. G08B 13/14 (2006.01) G08B 13/24 (2006.01)**

[25] EN

[54] **INTEGRATED ELECTRONIC ARTICLE SURVEILLANCE (EAS) AND POINT OF SALE (POS) SYSTEM AND METHOD**

[54] **SYSTEME ET PROCEDE ELECTRONIQUES DE SURVEILLANCE D'ARTICLES (EAS) ET DE POINT DE VENTE (PDV) INTEGRES**

[72] FALLIN, DAVID B., US

[72] CLARK, JOHN J., US

[72] TRIBBEY, SCOTT A., US

[72] LYNCH, ROBERT K., US

[73] TYCO FIRE & SECURITY GMBH, CH

[85] 2004-09-29

[86] 2003-10-31 (PCT/US2003/034692)

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[30] US (60/449,481) 2003-02-21

[11] **2,493,289**
[13] C

[51] **Int.Cl. A61K 9/08 (2006.01) A61K 9/00 (2006.01) A61K 31/495 (2006.01)**

[25] EN

[54] **A PHARMACEUTICAL FORMULATION AND ITS USE IN THE TREATMENT OF INNER EAR DISEASES**

[54] **FORMULATION PHARMACEUTIQUE ET SON UTILISATION DANS LE TRAITEMENT DES MALADIES DE L'OREILLE INTERNE**

[72] BIEBERSCHULTE, WERNER, LI

[72] EHRENBERGER, KLAUS, AT

[73] EWASATIN BIOSCIENCE GMBH, AT

[85] 2005-01-27

[86] 2003-07-30 (PCT/CH2003/000523)

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[11] **2,493,442**
[13] C

[51] **Int.Cl. H04L 9/00 (2006.01) H04L 12/58 (2006.01) H04L 29/02 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM OF MANAGING AND FILTERING ELECTRONIC MESSAGES USING CRYPTOGRAPHIC TECHNIQUES**

[54] **METHODE ET SYSTEME POUR GERER ET FILTRER DES MESSAGES ELECTRONIQUES AU MOYEN DE TECHNIQUES CRYPTOGRAPHIQUES**

[72] ROSATI, TONY, CA

[72] VANSTONE, SCOTT A., CA

[72] BROWN, DANIEL, CA

[73] CERTICOM CORP., CA

[86] (2493442)

[87] (2493442)

[22] 2005-01-20

[11] **2,496,264**
[13] C

[51] **Int.Cl. C10L 1/22 (2006.01) C10L 1/236 (2006.01) C10L 1/2383 (2006.01) C10L 1/2387 (2006.01) C10L 1/24 (2006.01)**

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[54] **DIESEL FUEL COMPOSITION**

[54] **COMPOSITION DE CARBURANT DIESEL**

[72] THIEL, C. YVONNE, US

[72] HAYDEN, THOMAS E., US

[73] TEXACO DEVELOPMENT CORPORATION, US

[86] (2496264)

[87] (2496264)

[22] 2005-02-07

[30] US (10/779,423) 2004-02-13

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[25] EN
[54] **METHOD FOR OBTAINING A NATURAL MIXTURE OF CONJUGATED EQUINE OESTROGENS DEPLETED IN NON-CONJUGATED LIPOPHILIC COMPOUNDS**
[54] **PROCEDE D'OBTENTION D'UN MELANGE NATUREL D'OESTROGENES EQUINS CONJUGUES APPAUVRIS EN CONJUGUES LIPOPHILES NON CONJUGUES**
[72] BAN, IVAN, DE
[72] GERLING, KLAUS-GUENTHER, DE
[72] MUELLER, HANS-JOERG, DE
[72] WACHSMANN, STEFAN, DE
[73] ABBOTT PRODUCTS GMBH, DE
[85] 2005-03-07
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[11] 2,498,683
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) G06Q 20/40 (2012.01) G06F 21/30 (2013.01)**
[25] EN
[54] **DATA AUTHENTICATION AND PROVISIONING METHOD AND SYSTEM**
[54] **SYSTEME ET PROCEDE D'AUTHENTIFICATION ET DE MISE A DISPOSITION DE DONNEES**
[72] DOMINGUEZ, BENEDICTO H., US
[72] MANESSIS, THOMAS J., US
[72] RUTHERFORD, MELODY L., US
[72] SALVATORI, SANDRA, US
[72] ROTH, JANET T., US
[73] VISA INTERNATIONAL SERVICE ASSOCIATION, US
[85] 2005-03-10
[86] 2003-09-10 (PCT/US2003/028599)
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[30] US (60/410,032) 2002-09-10
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[11] 2,500,355
[13] C

[51] **Int.Cl. H04W 72/04 (2009.01) H04W 88/12 (2009.01)**
[25] EN
[54] **MIMO WLAN SYSTEM**
[54] **SYSTEME DE RESEAU LOCAL SANS FIL MULTI-ENTREES/SORTIES**
[72] WALTON, J. RODNEY, US
[72] WALLACE, MARK S., US
[72] KETCHUM, JOHN W., US
[72] HOWARD, STEVEN J., US
[73] QUALCOMM INCORPORATED, US
[85] 2005-03-24
[86] 2003-10-24 (PCT/US2003/034514)
[87] (WO2004/039011)
[30] US (60/421,309) 2002-10-25
[30] US (10/693,419) 2003-10-23

[11] 2,501,068
[13] C

[51] **Int.Cl. C12N 15/09 (2006.01) C12N 1/15 (2006.01) C12N 1/19 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/85 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **HUMAN ARTIFICIAL CHROMOSOME (HAC) VECTOR**
[54] **VECTEUR DE CHROMOSOME HUMAIN ARTIFICIEL (HAC)**
[72] OSHIMURA, MITSUO, JP
[72] KATO, MOTONOBU, JP
[72] TOMIZUKA, KAZUMA, JP
[72] KUROIWA, YOSHIMI, JP
[72] KAKEDA, MINORU, JP
[73] KIRIN BEER KABUSHIKI KAISHA, JP
[85] 2005-04-01
[86] 2003-10-03 (PCT/JP2003/012734)
[87] (WO2004/031385)
[30] JP (2002-292853) 2002-10-04

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[13] C

[51] **Int.Cl. C12Q 1/60 (2006.01) C12Q 1/26 (2006.01) C12Q 1/32 (2006.01) C12Q 1/44 (2006.01) G01N 33/92 (2006.01)**
[25] EN
[54] **METHOD AND REAGENT FOR MEASURING CHOLESTEROL IN HIGH DENSITY LIPOPROTEIN**
[54] **PROCEDE ET REACTIF PERMETTANT DE MESURER LE CHOLESTEROL DANS DES LIPOPROTEINES A DENSITE ELEVEE**
[72] KATAYAMA, YUKI, JP
[72] FUJINAKA, MAYUMI, JP
[73] KYOWA MEDICAL CO., LTD., JP
[85] 2005-04-15
[86] 2003-10-16 (PCT/JP2003/013258)
[87] (WO2004/035816)
[30] JP (2002-301327) 2002-10-16

[11] 2,503,289
[13] C

[51] **Int.Cl. H04L 9/32 (2006.01) H04L 9/30 (2006.01) H04L 12/12 (2006.01) H04L 29/06 (2006.01) H04L 29/08 (2006.01)**
[25] EN
[54] **SIGNING AND VALIDATION OF SESSION INITIATION PROTOCOL ROUTING HEADERS**
[54] **SIGNATURE ET VALIDATION D'EN-TETES DE ROUTAGE POUR PROTOCOLE D'INITIATION DE SESSION**
[72] BUCH, JEREMY THOMAS, US
[72] SU, JINYAN, US
[72] NARAYANAN, SANKARAN, US
[72] EYDELMAN, VADIM, US
[73] MICROSOFT CORPORATION, US
[86] (2503289)
[87] (2503289)
[22] 2005-03-30
[30] US (10/815,232) 2004-03-31

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[11] 2,511,959
[13] C

[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 29/00 (2006.01) C07K 16/00 (2006.01) C07K 16/24 (2006.01) C07K 16/40 (2006.01) C07K 16/46 (2006.01) C12N 1/21 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01)**

[25] EN

[54] **FC FUSION**

[54] **FUSION DE FC**

[72] WINTER, GREG, GB

[72] TOMLINSON, IAN, GB

[72] IGNATOVICH, OLGA, GB

[72] BREWIS, NEIL, GB

[73] DOMANTIS LIMITED, GB

[85] 2005-06-27

[86] 2003-12-24 (PCT/GB2003/005597)

[87] (WO2004/058820)

[30] GB (0230203.2) 2002-12-27

[11] 2,515,509
[13] C

[51] **Int.Cl. C22C 37/00 (2006.01) B22D 11/00 (2006.01) B22D 11/06 (2006.01) B22D 11/12 (2006.01) C21D 5/04 (2006.01) C22C 33/08 (2006.01) C22C 37/04 (2006.01) C22C 37/06 (2006.01)**

[25] EN

[54] **CAST IRON SEMI-FINISHED PRODUCT EXCELLENT IN WORKABILITY AND METHOD OF PRODUCTION OF THE SAME**

[54] **PRODUIT EN FONTE MI-FINI AYANT UNE EXCELLENTE APTITUDE AU FACONNAGE ET PROCEDE DE PRODUCTION CORRESPONDANT**

[72] YAMAMURA, HIDEAKI, JP

[72] OHASHI, WATARU, JP

[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP

[85] 2005-08-09

[86] 2004-02-10 (PCT/JP2004/001386)

[87] (WO2004/072314)

[30] JP (2003-033201) 2003-02-12

[30] JP (2003-203083) 2003-07-29

[30] JP (2004-004357) 2004-01-09

[11] 2,524,100
[13] C

[51] **Int.Cl. A61G 7/14 (2006.01)**

[25] EN

[54] **PATIENT TRANSFER DEVICE**

[54] **DISPOSITIF DE TRANSFERT DE MALADE**

[72] STRYKER, MARTIN W., US

[72] LEWANDOWSKI, JEFFREY L., US

[72] THWAITES, JAMES T., US

[72] BARTOW, RICHARD J., US

[72] SMIEJA, SCOTT, US

[72] MARCUSEN, DAVID P., US

[73] STRYKER CORPORATION, US

[86] (2524100)

[87] (2524100)

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[30] US (60/623,950) 2004-11-01

[30] US (11/151,064) 2005-06-13

[11] 2,524,551
[13] C

[51] **Int.Cl. A61K 33/04 (2006.01) A61K 45/06 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **USE OF SELENIUM YEASTS IN THE TREATMENT OF ALZHEIMER'S DISEASE**

[54] **UTILISATION DE LEVURES DE SELENIUM DANS LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

[72] LYONS, THOMAS PEARSE, US

[72] POWERS, RONAN, US

[73] ALLTECH, INC., US

[86] (2524551)

[87] (2524551)

[22] 2005-10-25

[30] US (UNKNOWN) 2005-10-14

[30] US (UNKNOWN) 2005-10-14

[30] US (UNKNOWN) 2005-10-14

[30] US (UNKNOWN) 2005-10-14

[11] 2,526,585
[13] C

[51] **Int.Cl. C08G 77/42 (2006.01) A61B 5/05 (2006.01) C08G 77/448 (2006.01)**

[25] EN

[54] **PERMSELECTIVE STRUCTURALLY ROBUST MEMBRANE MATERIAL**

[54] **MATIERE DE MEMBRANE STRUCTURELLEMENT ROBUSTE PERMSELECTIVE**

[72] WARD, ROBERT S., US

[73] THE POLYMER TECHNOLOGY GROUP, US

[85] 2005-11-21

[86] 2004-05-21 (PCT/US2004/015991)

[87] (WO2004/104070)

[30] US (60/473,015) 2003-05-21

[11] 2,527,714
[13] C

[51] **Int.Cl. H02K 21/00 (2006.01)**

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[54] **METHOD AND APPARATUS FOR CONTROLLING AN ELECTRIC MACHINE**

[54] **PROCEDE ET APPAREIL DE COMMANDE D'UNE MACHINE ELECTRIQUE**

[72] DOOLEY, KEVIN, CA

[72] DOWHAN, MICHAEL, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[85] 2005-11-28

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- [25] EN
- [54] **FUNCTIONALLY RECONSTITUTED VIRAL MEMBRANES CONTAINING ADJUVANT**
- [54] **MEMBRANES VIRALES FONCTIONNELLEMENT RECONSTITUEES CONTENANT UN ADJUVANT**
- [72] STEGMANN, ANTONIUS
JOHANNES HENDRIKUS, NL
- [72] WILSCHUT, JAN CHRISTIAAN, NL
- [72] VAN BERKUM, JOHANNES HENRICUS GERARDUS, NL
- [73] BESTEWIL HOLDING B.V., NL
- [85] 2005-11-30
- [86] 2004-06-18 (PCT/NL2004/000437)
- [87] (WO2004/110486)
- [30] NL (PCT/NL03/00450) 2003-06-19

- [11] 2,527,772
[13] C
- [51] **Int.Cl. A61K 47/42 (2006.01) A61K 9/127 (2006.01) A61K 9/50 (2006.01) A61P 35/00 (2006.01)**
- [25] EN
- [54] **TUMOR-TARGETED DRUG DELIVERY SYSTEMS AND USES THEREOF**
- [54] **SYSTEME DE LIBERATION DE MEDICAMENT CIBLEE SUR UNE TUMEUR ET UTILISATIONS ASSOCIEES**
- [72] PONZONI, MIRCO, IT
- [72] CORTI, ANGELO, IT
- [72] ALLEN, THERESA M., CA
- [73] G. GASLINI CHILDREN'S HOSPITAL, IT
- [73] THE GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA
- [73] SAN RAFFAELE S.R.L., IT
- [85] 2005-11-28
- [86] 2004-05-26 (PCT/EP2004/005677)
- [87] (WO2004/105782)
- [30] GB (0312309.8) 2003-05-29

- [11] 2,534,617
[13] C
- [51] **Int.Cl. G06K 9/80 (2006.01) G06K 9/52 (2006.01) G06K 9/64 (2006.01)**
- [25] EN
- [54] **HANDWRITTEN WORD RECOGNITION BASED ON GEOMETRIC DECOMPOSITION**
- [54] **RECONNAISSANCE DE MOTS MANUSCRITS BASEE SUR LA DECOMPOSITION GEOMETRIQUE**
- [72] DONG, JIANXIONG, CA
- [73] IMDS SOFTWARE INC., CA
- [86] (2534617)
- [87] (2534617)
- [22] 2006-01-30
- [30] US (60/647,396) 2005-01-28

- [11] 2,535,503
[13] C
- [51] **Int.Cl. B32B 27/28 (2006.01) B32B 7/02 (2006.01) F16L 58/10 (2006.01)**
- [25] EN
- [54] **HEAT SHRINKABLE LAMINATED COVERING**
- [54] **REVETEMENT STRATIFIE THERMORETRACTABLE**
- [72] JACKSON, PETER, CA
- [72] TAILOR, DILIP, CA
- [73] SHAWCOR LTD., CA
- [86] (2535503)
- [87] (2535503)
- [22] 2006-02-07

- [11] 2,536,742
[13] C
- [51] **Int.Cl. C22C 16/00 (2006.01) C22C 1/03 (2006.01)**
- [25] EN
- [54] **ZIRCONIUM-NIOBIUM OXYGEN-CONTAINING ALLOY AND METHOD FOR MANUFACTURING THEREOF**
- [54] **ALLIAGE A BASE DE ZIRCONIUM ET DE NIOBIUM CONTENANT DE L'OXYGENE ET SON PROCEDE DE PRODUCTION**
- [72] ZAVODCHIKOV, SERGEY YURIEVICH, RU
- [72] ARZHAKOVA, VALENTINA MIKHAILOVNA, RU
- [72] BOCHAROV, OLEG VIKTOROVICH, RU
- [72] ZUEV, LEV BORISOVICH, RU
- [72] KOTREKHOV, VLADIMIR ANDREEVICH, RU
- [72] ROZHDESTVENSKY, VLADIMIR VLADIMIROVICH, RU
- [72] TARASEVICH, OLGA STEPANOVNA, RU
- [72] FILIPPOV, VLADIMIR BORISOVICH, RU
- [72] SHIKOV, ALEXANDR KONSTANTINOVICH, RU
- [73] OTKRYTOE AKTSIONERNOE OBSHCHESTVO "CHEPETSKY MEKHANICHESKY ZAVOD", RU
- [73] THE FEDERAL STATE UNITARIAN ENTERPRISE "A.A.BOCHVAR ALL-RUSSIA RESEARCH INSTITUTE OF INORGANIC MATERIALS, RU
- [85] 2006-02-22
- [86] 2003-12-22 (PCT/RU2003/000570)
- [87] (WO2004/057046)
- [30] RU (2002134675) 2002-12-23

- [11] 2,538,774
[13] C
- [51] **Int.Cl. E04D 1/30 (2006.01)**
- [25] EN
- [54] **HIP, RIDGE OR RAKE SHINGLE**
- [54] **BARDEAU D'ARETIER, DE FAITE OU D'INCLINAISON**
- [72] QUARANTA, JOSEPH, US
- [72] KOCH, STEPHEN A., US
- [72] JENKINS, ROBERT L., US
- [72] JACOBS, GREGORY F., US
- [72] STEELE, KAREN L., US
- [73] CERTAINTIED CORPORATION, US
- [86] (2538774)
- [87] (2538774)
- [22] 2006-03-08
- [30] US (11/315,451) 2005-12-22

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[11] 2,540,838
[13] C

[51] **Int.Cl.** A61K 38/24 (2006.01) A01K 67/02 (2006.01) A61D 19/02 (2006.01) A61K 31/201 (2006.01) A61K 38/09 (2006.01) A61P 15/08 (2006.01)

[25] EN

[54] **PROCESS FOR THE SYNCHRONIZATION OF OVULATION FOR TIMED BREEDING WITHOUT HEAT DETECTION**

[54] **PROCESSUS DE SYNCHRONISATION DE L'OVULATION POUR LA REPRODUCTION REGLEE SANS DETECTION DES CHALEURS**

[72] LAUDERDALE, JAMES W., US

[73] THORN BIOSCIENCE, LLC, US

[85] 2006-03-30

[86] 2004-09-30 (PCT/US2004/032133)

[87] (WO2005/035717)

[30] US (60/508,509) 2003-10-03

[11] 2,541,371
[13] C

[51] **Int.Cl.** A61K 9/22 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 9/20 (2006.01)

[25] EN

[54] **EXTENDED RELEASE FORMULATIONS OF OPIOIDS AND METHOD OF USE THEREOF**

[54] **FORMULATIONS D'OPIOIDES A LIBERATION PROLONGEE ET METHODE D'UTILISATION DES FORMULATIONS**

[72] MEHTA, ATUL M., US

[72] SHAH, MANISH S., US

[73] ELITE LABORATORIES INC., US

[85] 2006-04-03

[86] 2004-09-28 (PCT/US2004/031759)

[87] (WO2005/034859)

[30] US (60/508,531) 2003-10-03

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[13] C

[51] **Int.Cl.** A61B 17/00 (2006.01) A61B 17/068 (2006.01)

[25] EN

[54] **LOADING UNIT HAVING DRIVE ASSEMBLY LOCKING MECHANISM**

[54] **ELEMENT DE CHARGE AVEC MECANISME DE VERROUILLAGE D'ENSEMBLE DE COMMANDE**

[72] SCIRICA, PAUL A., US

[72] CZERNIK, ROMAN, US

[73] TYCO HEALTHCARE GROUP LP, US

[86] (2541715)

[87] (2541715)

[22] 2006-04-04

[30] US (11/100,279) 2005-04-06

[11] 2,544,928
[13] C

[51] **Int.Cl.** A61B 1/07 (2006.01) A61F 9/007 (2006.01)

[25] EN

[54] **MULTI-FIBER VARIABLE INTENSITY WIDE-ANGLE ILLUMINATOR**

[54] **ILLUMINATEUR GRAND ANGLE MULTIFIBRE A INTENSITE VARIABLE**

[72] CAZZINI, KARL, US

[73] ALCON, INC., CH

[86] (2544928)

[87] (2544928)

[22] 2006-04-26

[30] US (60/676,201) 2005-04-29

[11] 2,545,670
[13] C

[51] **Int.Cl.** A61B 18/08 (2006.01) A61B 18/10 (2006.01)

[25] EN

[54] **METHOD, APPARATUS, AND KIT FOR THERMAL SUTURE CUTTING**

[54] **METHODE, DISPOSITIF ET TROUSSE POUR LA COUPE THERMIQUE DE FILS DE SUTURE**

[72] VAN WYK, ROBERT A., US

[72] ROLNICK, MICHAEL A., US

[72] WARDEN, MATTHEW P., US

[72] SIMEONOV, BORISLAV S., US

[72] BARON, FRED, US

[73] VAN WYK, ROBERT A., US

[73] ROLNICK, MICHAEL A., US

[73] WARDEN, MATTHEW P., US

[73] BOVIE MEDICAL CORPORATION, US

[86] (2545670)

[87] (2545670)

[22] 2006-05-04

[30] US (11/124,288) 2005-05-09

[30] US (11/329,083) 2006-01-11

[11] 2,546,539
[13] C

[51] **Int.Cl.** E04F 15/20 (2006.01) E04B 5/00 (2006.01) E04F 15/18 (2006.01) E04F 21/20 (2006.01)

[25] EN

[54] **CORRUGATED STEEL DECK SYSTEM INCLUDING ACOUSTIC FEATURES**

[54] **TABLIER EN TOLES D'ACIER ONDULEES COMPRENANT DES ELEMENTS D'ISOLATION ACOUSTIQUE**

[72] PAYNE, STEPHEN W., JR., US

[72] GOODFRIEND, KURT, US

[72] McDONALD, DAVID BRUCE, US

[72] SOCHA, DENNIS A., US

[72] ELLICSON, JOHN, US

[72] LAUX, FRANCIS H., US

[72] DOMBECK, RUSSELL A., US

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[73] UNITED STATES GYPSUM COMPANY, US

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[54] **SURGICAL INSTRUMENTS EMPLOYING SENSORS**

[54] **INSTRUMENTS CHIRURGICAUX DOTES DE CAPTEURS**

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[73] TYCO HEALTHCARE GROUP LP, US

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[54] **HIGH THROUGHPUT SCREENING METHODS FOR LUBRICATING OIL COMPOSITIONS**

[54] **PROCEDES DE CRIBLAGE A HAUT RENDEMENT DE COMPOSITIONS D'HUILES LUBRIFIANTES**

[72] WOLLENBERG, ROBERT H., US

[73] CHEVRON ORONITE COMPANY LLC, US

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[54] **GAS BURNER ASSEMBLY INCLUDING INNER AND OUTER BURNERS AND METHODS FOR IMPLEMENTING SAME**

[54] **ENSEMBLE DE BRULEURS A GAZ COMPRENANT UN BRULEUR INTERIEUR ET UN BRULEUR EXTERIEUR, ET METHODES DE MISE EN OEUVRE**

[72] CADIMA, PAUL BRYAN, US

[73] GENERAL ELECTRIC COMPANY, US

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[54] **DERIVES DE PYRIMIDINE**

[72] SATO, MICHITAKA, JP

[72] MATSUI, TERUAKI, JP

[72] ASAGARASU, AKIRA, JP

[72] HAYASHI, HIROYUKI, JP

[72] ARAKI, SEI-ICHI, JP

[72] TAMAOKI, SATORU, JP

[72] TAKAHASHI, NOBUYUKI, JP

[72] YAMAUCHI, YUKINAO, JP

[72] YAMAMOTO, YOSHIKO, JP

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[73] ASKA PHARMACEUTICAL CO., LTD., JP

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[54] **A BOTTLE, A METHOD OF FORMING THE BOTTLE, A LIQUID DISPENSING SYSTEM AND AN EXTRUDED PROFILE**

[54] **BOUTEILLE, PROCEDE DE FORMATION DE LA BOUTEILLE, SYSTEME DE DISTRIBUTION DE LIQUIDE ET PROFIL EXTRUDE**

[72] HUTCHINSON, GERALD, US

[72] LEE, ROBERT, GB

[72] FARHA, SAID, US

[73] THE CONCENTRATE MANUFACTURING COMPANY OF IRELAND, BM

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[54] **SUPPORT D'ENREGISTREMENT ET PROCEDE ET APPAREIL D'ENREGISTREMENT DE DONNEES SUR LEDIT SUPPORT D'ENREGISTREMENT**
[72] SUH, SANG WOON, KR
[73] LG ELECTRONICS INC., KR
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[54] **CONTAINER FOR SLICED AND FLUFFED FOOD PRODUCTS**
[54] **CONTENANT POUR PRODUITS ALIMENTAIRES TRANCHES ET EN FLOCONS**
[72] HINZE, BONITA MAY, US
[72] EVENSON, CHAD MICHAEL, US
[72] IVES, ANDREW SCOTT, US
[73] KRAFT FOODS GROUP BRANDS LLC, US
[86] (2562566)
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[54] **AUTHENTIFICATION DE PASSERELLE NON SECURISEE SANS DIVULGATION D'INFORMATIONS PRIVEES**
[72] ANGUS, IAN G., US
[72] PILAM, ROSANNE P., US
[72] SKINNER, JOHN D., US
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[54] **METHODS AND SYSTEMS FOR CONVERTING IMAGES FROM LOW DYNAMIC RANGE TO HIGH DYNAMIC RANGE**
[54] **PROCEDES ET SYSTEMES DE CONVERSION D'IMAGES D'UNE PLAGE DYNAMIQUE FAIBLE A UNE PLAGE DYNAMIQUE ELEVEE**
[72] WHITEHEAD, LORNE A., CA
[72] SEETZEN, HELGE, CA
[72] WARD, GREGORY JOHN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2006-10-13
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[54] **SUPPORT MEANS SYSTEM WITH DRIVE PULLEY AND SUPPORT MEANS AS WELL AS LIFT INSTALLATION WITH SUCH A SUPPORT MEANS SYSTEM**
[54] **SYSTEME A DISPOSITIF DE SUPPORT COMPORTANT UNE POULIE D'ENTRAINEMENT ET UN DISPOSITIF DE SUPPORT AINSI QU'INSTALLATION DE LEVAGE AVEC UN TEL SYSTEME A DISPOSITIF DE SUPPORT**
[72] ACH, ERNST, CH
[73] INVENTIO AG, CH
[86] (2564577)
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[54] **HIGH VOLTAGE PULSED POWER SUPPLY USING SOLID STATE SWITCHES**
[54] **BLOC D'ALIMENTATION A IMPULSIONS HAUTE TENSION UTILISANT DES COMMUTATEURS A SEMICONDUCTEURS**
[72] CASSEL, RICHARD L., US
[73] STANGENES INDUSTRIES, INC., US
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HANDOVER IN BROADBAND
WIRELESS ACCESS SYSTEM**
[54] **PROCEDE PERMETTANT
D'EFFECTUER UN TRANSFERT
DANS UN SYSTEME D'ACCES
SANS FIL DE DIFFUSION**
[72] RYU, GI SEON, KR
[72] KWAK, YONG WON, KR
[72] KIM, BEOM JOON, KR
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[73] LG ELECTRONICS INC., KR
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RECEPTOR**
[54] **RECEPTEURS DES
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[72] BOULTER, JONATHAN MICHAEL,
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[72] JAKOBSEN, BENT KARSTEN, GB
[72] LI, YI, GB
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[25] EN
[54] **PREPARATION OF PROTECTIVE
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[54] **PREPARATION D'UN ANTIGENE
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BACILLUS ANTHRACIS**
[72] BREHM, JOHN, GB
[72] MCENTEE, IAN, GB
[72] VINCENT, PHILIP, GB
[72] ALLISON, NIGEL, GB
[72] BREHM, ROSSALYN, GB
[72] JACK, GEORGE, GB
[72] HERBERT, MICHAEL, GB
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[54] **JOINT ISOLANT**
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[72] COLVERSON, ANDREW, GB
[73] AES ENGINEERING LIMITED, GB
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[54] **SCINTILLATOR COMPOSITIONS,
AND RELATED PROCESSES AND
ARTICLES OF MANUFACTURE**
[54] **COMPOSITIONS POUR
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[72] SRIVASTAVA, ALOK MANI, US
[72] DUCLOS, STEVEN JUDE, US
[72] CLARKE, LUCAS LEMAR, US
[72] COMANZO, HOLLY ANN, US
[72] DENG, QUN, US
[73] GENERAL ELECTRIC COMPANY,
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[54] **GAS TURBINE ENGINE
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ASSEMBLING SAME**
[54] **ENSEMBLE DE TURBINE A GAZ
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[72] JOSHI, NARENDRA DIGAMBER, US
[72] MICHAEL, MICHAEL EUGENE, US
[72] REALE, MICHAEL JOSEPH, US
[73] GENERAL ELECTRIC COMPANY,
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[54] **WHEEL BALANCER HAVING LASER-ASSISTED WEIGHT PLACEMENT SYSTEM**
[54] **EQUILIBREUSE DE ROUES AVEC SYSTEME DE MISE EN PLACE DE MASSE D'ALOURDISSEMENT ASSISTE PAR LASER**
[72] CARPENTER, DAVID M., US
[72] TRUEX, DON A., US
[72] CUNNINGHAM, CHARLES L., US
[72] LABORDE, BRIAN W., US
[73] HENNESSY INDUSTRIES, INC., US
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[54] **APPAREIL DE MESURE GEODESIQUE A COMMANDE PIEZO-ELECTRIQUE**
[72] HERBST, CHRISTOPH, AT
[72] BERNHARD, HEINZ, CH
[72] HAELE, ANTON, CH
[73] LEICA GEOSYSTEMS AG, CH
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[25] EN
[54] **SUPERCORE SUMP VENT PRESSURE CONTROL**
[54] **REGULATION DE LA PRESSION DE MISE A L'AIR LIBRE DANS UN CARTER DE PALIER DE NOYAU CENTRAL**
[72] CORATTIYIL, BALA, US
[72] MELTON, STEPHEN EUGENE, US
[73] GENERAL ELECTRIC COMPANY, US
[86] (2577640)
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[54] **THE SYSTEM TO FIGHT A TORNADO**
[54] **SYSTEME DE LUTTE CONTRE UNE TORNADE**
[72] DRINFELD, ILIA, CA
[72] DRINFELD, VLADIMIR, CA
[72] FIRER, POLYNA, CA
[72] DRINFELD, OLGA, CA
[73] DRINFELD, ILIA, CA
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[54] **EFFICIENT LUMINAIRE WITH DIRECTIONAL SIDE-LIGHT EXTRACTION**
[54] **LUMINAIRE EFFICACE AVEC CAPTAGE DIRECTIONNEL DE LA LUMIERE LATERALE**
[72] CASSARLY, WILLIAM J., US
[72] DAVENPORT, THOMAS L. R., US
[72] DAVENPORT, JOHN M., US
[72] JENSON, CHRIS H., US
[73] OPTICAL RESEARCH ASSOCIATES, US
[73] ENERGY FOCUS, INC., US
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[54] **MULTI FLUID INJECTION MIXER**
[54] **MELANGEUR A INJECTION D'UNE PLURALITE DE FLUIDES**
[72] LINGA, HARALD, NO
[72] NILSEN, FINN P., NO
[72] ABIVEN, RONAN, NO
[72] KALGRAFF, BERNT H., NO
[73] PROPURE AS, NO
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[54] **ARN MODIFIE MARQUE AVEC DU CHOLESTEROL**

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[72] HOUGHTON, MICHAEL, US

[73] NOVARTIS VACCINES AND DIAGNOSTICS, INC., US

[85] 2007-03-23

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[11] 2,583,456
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[54] **FLUID PUMP**

[54] **POMPE A FLUIDE**

[72] JOHNSTON, BARRY WOODS, US

[73] JOHNSTON, BARRY WOODS, US

[85] 2007-03-29

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[54] **METHOD FOR REDUCING ALLERGENS IN AN ENCLOSURE**

[54] **PROCEDE DE DIMINUTION DES ALLERGENES DANS UNE ENVELOPPE**

[72] ANDERSSON, GORAN B., US

[73] PURE SOLUTIONS, LLC, US

[85] 2007-04-11

[86] 2005-10-12 (PCT/US2005/036738)

[87] (WO2006/042291)

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[54] **SUPER OVERBASED POLYALKENYL SULFONATE AND ALKYLARYL SULFONATE COMPOSITION AND PROCESS FOR MAKING THE SAME**

[54] **COMPOSITION DE SUPER-SULFONATES POLYALKENYLS ET DE SUPER-SULFONATES ALKYLARYLS SURBASES, ET PROCESSUS DE FABRICATION**

[72] SPALA, EUGENE E., US

[73] CHEVRON ORONITE COMPANY LLC, US

[86] (2583901)

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[13] C

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[54] **TRIGGERED PULSED IGNITION SYSTEM AND METHOD**

[54] **SYSTEME ET METHODE D'ALLUMAGE PAR DECLenchement D'IMPULSIONS**

[72] DOOLEY, KEVIN ALLAN, CA

[73] PRATT & WHITNEY CANADA CORP., CA

[86] (2584628)

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[72] TANG, PING HUNG, HK

[73] TSUI, PHILIP Y. W., CA

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[54] **PROCEDE DE RECOUVREMENT ANODIQUE DE L'ALUMINIUM ET/OU DU TITANE AVEC DES OXYDES CERAMIQUES**

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[54] **DETECTION D'ERREURS DANS LES DONNEES CONCERNANT L'ACTIONNEMENT D'UN ORGANE DE VEHICULE**
[72] AUBERT, JEAN-JACQUES, FR
[72] BROT, PATRICE, FR
[72] CROUZET, YVES, FR
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[72] DICKSON, CRAIG B., CA
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[54] **APPAREILLAGE ET METHODE DE FORAGE ROTATIF ORIENTABLE**
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[72] DOWNTON, GEOFF, GB
[73] SCHLUMBERGER CANADA LIMITED, CA
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STATION ACCORDING TO ITS
TRANSMISSION DELAY**
[54] **DEMANDE DE PERMISSION A
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[72] MOULSLEY, TIMOTHY J., GB
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PHARMACEUTICALLY
ACCEPTABLE SALTS AND
COMPOSITIONS, AND USE
THEREOF**
[54] **ANTIBIOTIQUE 107891, SES
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[72] GASTALDO, LUCIANO, IT
[72] CANDIANI, GIANPAOLO, IT
[72] CICILIATO, ISMAELA, IT
[72] LOSI, DANIELE, IT
[72] MARINELLI, FLAVIA, IT
[72] SELVA, ENRICO, IT
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[54] **RESINES AMINE-ALDEHYDE ET
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[72] ARTHUR, LISA M., US
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[72] WHITE, CARL R., US
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[54] **AUBES DE TURBINE A JOINT DE
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[72] MARINI, BONNIE D., US
[72] SCHIAVO, ANTHONY L., US
[73] SIEMENS ENERGY, INC., US
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[54] **FIBROSIS INHIBITOR FOR IMPLANTED ORGAN**

[54] **INHIBITEUR DE FIBROSE POUR UN ORGANE IMPLANTE**

[72] AMANO, JUN, JP

[72] ITO, KEN-ICHI, JP

[72] YAMAURA, KAZUHIRO, JP

[72] MATSUMOTO, KUNIO, JP

[72] NAKAMURA, TOSHIKAZU, JP

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[54] **FORMULATIONS ORALES POUR L'ADMINISTRATION DE BUTANES CATECHOLIQUES COMPRENANT DES COMPOSES NDGA**

[72] LOPEZ, ROCIO ALEJANDRA, US

[72] BLOMBERG, JESSICA ANDREA LODUCA, US

[72] RHODES, MELISSA CLAIRE, US

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[54] **METHODES ET APPAREILLAGE D'ASSEMBLAGE DE MOTEURS A TURBINE**

[72] LEE, CHING-PANG, US

[72] LU, WENFENG, US

[72] FORTUNA, DOUGLAS MARTI, US

[72] RONIEWICZ, JAKUB, PL

[72] GNIAZDOWSKI, ROBERT ANDRZEJ, PL

[73] GENERAL ELECTRIC COMPANY, US

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[54] **DOSAGE FORMS OF ACTIVE INGREDIENTS CONTAINING HYDROXYSTILBENE FOR TREATING MENOPAUSAL COMPLAINTS**

[54] **FORMES POSOLOGIQUES DE PRINCIPES ACTIFS CONTENANT DE L'HYDROXYSTILBENE POUR TRAITER LES TROUBLES DE LA MENOPAUSE**

[72] HEGER, PETER, DE

[72] RETTENBERGER, REINHARD, DE

[72] SPAICH, CARL-FRIEDRICH, DE

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[54] **COMPOSITIONS ET PROCEDES D'IMAGERIE MULTIMODALE**

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[72] ALLEN, CHRISTINE, CA

[72] ZHENG, JINZI, CA

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[54] **POSTE D'ECHANTILLONNAGE A ACCES PARTICULIER**

[72] PAYNE, DENTON S., CA

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[54] **CHAPEAU DE COMMANDE DE FUSEE**

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[54] **DISPOSITIF DE REFROIDISSEMENT A BASE DE CALODUCS ET METHODE APPLICABLE A UN MOTEUR A TURBINE**
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[73] GENERAL ELECTRIC COMPANY, US
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[54] **DERIVES D'OXAZIA-SPIRO-[5.5]-UNDECANONE SUBSTITUES ET LEUR UTILISATION EN TANT QU'ANTAGONISTES DE LA NEUROKININE**
[72] JANSSENS, FRANS EDUARD, BE
[72] COUPA, SOPHIE, FR
[72] PONCELET, ALAIN PHILIPPE, FR
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[54] **COMPOSITIONS ANTIMICROBIENES ET METHODES S'Y RAPPORTANT**
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[73] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **GREFFON OS-TENDON-OS ASSEMBLE AJUSTABLE ET FIXE**
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[54] **DEVANT POUR MODULE D'APPAREILLAGE DE COMMUTATION, MODULE D'APPAREILLAGE DE COMMUTATION ET APPAREILLAGE DE COMMUTATION**
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[54] **PREPARATION DE BOISSON DERIVEE D'UN EXTRAIT D'ENVELOPPES DE CERISES DE CAFE ET DE PULPE DE CERISES DE CAFE ET PROCEDE DE FABRICATION DE CETTE PREPARATION DE BOISSON**
[72] VELISSARIOU, MARIA, US
[72] LAUDANO, RAYMOND JAY, US
[72] EDWARDS, PAUL MARTIN, GB
[72] STIMPSON, STEPHEN MICHAEL, GB
[72] JEFFRIES, RACHEL LORNA, GB
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[54] **ORGANE DE FIXATION A TIGE ET DISPOSITIF STABILISANT**
[72] RUDDUCK, DICKORY, US
[72] GOLDSPIK, LACHLAN RICHARD, US
[72] BLATTMANN, LEE DAVID, US
[73] TELEZYGOLOGY INC., AU
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[54] **METHODE D'ACQUISITION ET DE TRAITEMENT DE DONNEES DE DIAGRAPHIE NEUTRON, ET APPAREILS CONNEXES**
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[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
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[54] **DISPOSITIF ET PROCEDE D'INSTALLATION DE BOULON D'ANCRAGE ET APPAREIL DE FORAGE A INSTALLATION DE BOULON D'ANCRAGE**
[72] OBERG, FREDRIK, SE
[73] ATLAS COPCO ROCK DRILLS AB, SE
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[54] **CABLE EN FIBRE SYNTHETIQUE ET INSTALLATION D'ASCENSEUR AVEC CE CABLE EN FIBRE SYNTHETIQUE**
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[72] D'APICE, ALESSANDRO, CH
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[73] MUSTANG SAMPLING, LLC, US
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[54] **APPAREIL ET PROCEDE D'INVERSION PAR AIR ET DE VULCANISATION A LA VAPEUR DE REVETEMENTS VULCANISES SUR PLACE**
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[72] KAMMEL, RAAFIAT A., US
[72] CHOW, HUMPHREY W., US
[72] KULYK, MICHAEL PETER, US
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[72] ELSENER, CARL, CH
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[54] **SIMULATEUR DE FLAMME**

[72] HESS, KRISTOFFER, CA
[72] STINSON, KELLY, CA
[73] DIMPLEX NORTH AMERICA LIMITED, CA
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[54] **DERIVES DE THIAZOLE ET LEUR UTILISATION DANS LE TRAITEMENT OU LA PREVENTION DE TROUBLES ET MALADIES**

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[54] **COMPOSITION ET PROCEDE D'INHIBITION, DE PREVENTION OU D'AMELIORATION DES COMPLICATIONS ASSOCIEES A L'INGESTION D'UNE SUBSTANCE OU D'UN AGENT MEDICINAL, CHIMIQUE OU BIOLOGIQUE**

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[54] **PROCEDE ET APPAREIL POUR REGLER OU MODIFIER LES PARAMETRES PROGRAMMABLES DANS UN FAUTEUIL ROULANT MECANISE**
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[54] **PROCEDE DE FORMATION D'UN REVETEMENT MULTICOUCHE SUR DES CARROSSERIES D'AUTOMOBILE, SANS CUISSON DE LA COUCHE D'APPRET**

[72] HAZAN, ISIDOR, US

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[54] **LIQUID APPLICATOR**

[54] **APPLICATEUR DE LIQUIDE**

[72] LUTGEN, JOSEPH LEON, US

[72] SMITH, ROBIN E., US

[72] HOOVER, BRANDON CORY, US

[72] CROSS, BRANDON SETH, US

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[73] NOVA WILDCAT SHUR-LINE, LLC, US

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[54] **CLIVAGE DE PRECURSEURS D'INSULINES PAR UN VARIANT DE LA TRYPSINE**

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[54] **SYSTEME DE SURVEILLANCE D'ARTICLE ELECTRONIQUE ASSURANT UNE TRANSMISSION SYNCHRONISEE**

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[73] TYCO FIRE & SECURITY GMBH, CH

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[54] **PLANTES MODIFIEES PAR DES MINI-CHROMOSOMES**

[72] ZIELER, HELGE, US

[72] RUDGERS, GARY W., US

[72] PREUSS, DAPHNE, US

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[54] OUTIL DE Puits SOUTERRAIN COMPRENANT UN SYSTEME DE RETABLISSEMENT DE DISPOSITIF D'ETANCHEITE A VERROUILLEMENT

[72] CARISELLA, JAMES V., US

[72] MORRILL, KEVIN, US

[73] HIGH PRESSURE INTEGRITY, INC., US

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[54] **PROCEDE DE FABRICATION D'UN CONTENANT EN PAPIER OU EN PLASTIQUE ANTI-BRULURE A ISOLATION THERMIQUE ET PRESERVATION DE LA CHALEUR, ET PRODUIT POUR CELUI-CI**
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[54] **SYSTEME DE DISTRIBUTION DE CONTENU DE DIFFUSION, ET APPAREIL DE DISTRIBUTION ET TERMINAL DE RECEPTION DE DIFFUSION A UTILISER DANS LE SYSTEME**
[72] KURIHARA, SHINICHI, JP
[72] OSAKI, YOSHIRO, JP
[72] WADA, SUNAO, JP
[72] YAMAGUCHI, KIYOSHI, JP
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[72] KUH, LARRY, CA
[73] BLACKBERRY LIMITED, CA
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[54] **PROCEDE ET SYSTEME POUR CONTRÔLER LE CONVERTISSEUR D'UNE INSTALLATION DE PRODUCTION D'ELECTRICITE RELIEE A UN RESEAU ELECTRIQUE EN PRESENCE DE BAISSES DE TENSION DANS LE RESEAU**

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 [54] **PROCEDE ET SYSTEME DE SELECTION DE REPONSES PARMIS UN ENSEMBLE DE REPONSES A L'AIDE D'UNE TABLE PERSONNALISABLE**
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[72] ANGBRANT, JOHAN, SE
[72] RINGOM, RUNE, SE
[72] HAMMER, KRISTIN, SE
[72] RINGBERG, ERIK, SE
[72] LINDQVIST, BENGT, SE
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[72] MATSUMOTO, YASUHIRO, JP
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[73] ASKA PHARMACEUTICAL CO., LTD., JP

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[54] **PROCEDE DE DETECTION DE TOXINE**

[72] OHISHI, KANENARI, JP
[72] BABA, TADASHI, JP
[72] HIRAMATSU, KEIICHI, JP
[72] NAKATOMI, YASUO, JP
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[72] FROST, ROBERT, DE
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[72] CHAPMAN, KAREN B., US
[72] SARGENT, ROY GEOFFREY, US
[73] ADVANCED CELL TECHNOLOGY, INC., US
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[72] HUBER, GEORGE W., US
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[72] LOEFFLER, HANS-ULRICH, DE
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[54] **ESSAI D'ANTICORPS ANTI-MEDICAMENT**
[72] ESSIG, ULRICH, DE
[72] STUBENRAUCH, KAY-GUNNAR, DE
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[72] KNOBLAUCH, CATHY, CA
[72] FRY, KEN, CA
[73] ALBERTA INNOVATES - TECHNOLOGY FUTURES, CA
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[54] **DISPOSITIF DE PROTECTION CONTRE LES EMBOLS ET SON PROCEDE D'UTILISATION**

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[54] **BUSE EFFERVESCENTE D'INJECTION DE CATALYSEUR**

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[54] **APPAREIL ET PROCEDE PERMETTANT D'OBTENIR UN COL ETIRE ET EVENTUELLEMENT CRISTALLISE DANS UN ARTICLE EN PLASTIQUE MOULE**

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[54] **INK COMPOSITION, INKJET RECORDING INK AND INKJET RECORDING METHOD**

[54] **COMPOSITION D'ENCRE, ENCRE D'ENREGISTREMENT PAR JET D'ENCRE ET PROCEDE D'ENREGISTREMENT PAR JET D'ENCRE**

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[54] **BALLOON WITH DIVIDING FABRIC LAYERS AND METHOD FOR BRAIDING OVER THREE-DIMENSIONAL FORMS**

[54] **BALLON COMPRENANT DES COUCHES DE TISSU DE SEPARATION ET PROCEDE DE TRESSAGE DE FORMES TRIDIMENSIONNELLES**

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[72] TIMOSZYK, WOJCIECH, US
[72] BOCCOLERI, GIANNI, US
[73] STRYKER CORPORATION, US
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[72] CABRERA, RAMIRO, US
[72] WINGARDNER, THOMAS, US
[72] TAYLOR, ERIC J., US
[72] HATHAWAY, PETER, US
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[54] **METHOD FOR COATING A COOLING ELEMENT PROCEDE DE REVETEMENT D'UN ELEMENT DE REFROIDISSEMENT**
[72] SAARINEN, RISTO, FI
[72] LEPPAENEN, YRJOE, FI
[73] OUTOTEC OYJ, FI
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[72] UNGER, HELMUT, DE
[72] ANDERSSON, MALIN, SE
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[72] FU, TSU-JU, US
[72] SUN, CHENG JUN, US
[73] SIRIGEN INC., US
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[72] SCHNEIDER, LARRY LEE, US
[73] DANCO, INC., US
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- [54] **FORMULATIONS ORALES, PARENTERALES ET TOPIQUES DISPERSIBLES DANS L'EAU POUR DES MEDICAMENTS FAIBLEMENT SOLUBLES DANS L'EAU UTILISANT DES NANOPARTICULES POLYMERES INTELLIGENTES**
- [72] MAITRA, ANIRBAN, US
- [72] FELDMANN, GEORG, US
- [72] BISHT, SAVITA, US
- [73] THE JOHNS HOPKINS UNIVERSITY, US
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- [72] KILIBARDA, VELIBOR, US
- [73] COMAU, INC., US
- [86] (2665363)
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- [54] **DISPOSITIF ELECTRONIQUE ET METHODE FOURNISSANT UNE CARACTERISTIQUE DE REVEILLE-MATIN AMELIOREE ET UN MODE D'EDITION DE LA SONNERIE FACILITE**
- [72] KLASSEN, GERHARD DIETRICH, CA
- [72] KALU, KALU, CA
- [73] BLACKBERRY LIMITED, CA
- [86] (2665842)
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[72] JOSHI, OMKAR, US

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- [54] **SYSTEME DE BOUCHAGE A OUVERTURE AUTOMATIQUE MUNI D'UN CANAL D'ENTREE D'AIR POUR EMBALLAGES COMPOSITES OU POUR EMBOUTS DE RECIPIENTS A OBTURER PAR UN MATERIAU PELLICULAIRE**
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- [54] **PROCEDE DE COMPACTION D'UNE COMPOSITION PULVERULENTE A VOLUME CONSTANT**
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[54] **SOUCHE DE CLOSTRIDIUM
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[54] **REGLES DE CONTROLE DE POLITIQUES ET DE FACTURATION FONDEES SUR UN PROTOCOLE DE MOBILITE**
[72] GIARETTA, GERARDO, US
[72] AHMAVAARA, KALLE I., US
[72] CASACCIA, LORENZO, US
[72] TSIRTSIS, GEORGE, US
[72] MAHENDRAN, ARUNGUNDRAM C., US
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[72] CASWELL, TOMMY, GB
[73] INDIAN INDUSTRIES, INC., US
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[54] **PROCEDE ET APPAREIL D'ANALYSE DE PARTICULES DANS UN ECHANTILLON LIQUIDE**
[72] LINDBERG, STELLAN, SE
[72] OLESEN, TOM, DK
[72] VALVIK, MARTIN, DK
[73] HEMOCUE AB, SE
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[54] **A METHOD AND SYSTEM FOR FACILITATING ASSEMBLY OF A DRILLING RIG**
[54] **PROCEDE ET SYSTEME POUR FACILITER L'ASSEMBLAGE D'UNE INSTALLATION DE FORAGE**
[72] DONNALLY, ROBERT BENJAMIN, CN
[72] REN, CHUNQIAO, CN
[72] LIU, XILIN, CN
[72] SHENG, HUI CHUN, CN
[72] YU, YAN, CN
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[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **SYSTEME ET PROCEDE POUR UN STOCKAGE ADRESSABLE DE CONTENU**
[72] ATKIN, BENJAMIN, US
[72] CALKOWSKI, GRZEGORZ, US
[72] UNGUREANU, CRISTIAN, US
[72] DUBNICKI, CEZARY, US
[73] NEC CORPORATION, JP
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[54] **SYSTEME D'ETALAGE POUR ECHANTILLONS DE PRODUITS PLACES SUR DES RAILS**
[72] LETINIC, IVAN, US
[72] ROAN, JOSEPH, US
[72] LEAVENS, ROBERT J., US
[73] ART GUILD, INC., US
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[54] **CONSOLE AUDIO AVEC STABILISATEUR DE GAIN A SORTIE DIRECTE**
[72] AYRES, RICHARD, GB
[73] HARMAN INTERNATIONAL INDUSTRIES LTD., GB
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[87] (2717896)
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[72] BULGIN, SCOTT EDWARD, CA
[72] MARTIN, CYRIL, DE
[72] GUSTAVSSON, BENGT STEFAN, CA
[73] BLACKBERRY LIMITED, CA
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[72] SMITH, BRYAN LESLIE, NZ
[73] DATA HEALTH SYSTEMS LIMITED, NZ
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[54] **ENHANCING VESSEL LESION HOMING AND REPAIR POTENTIAL OF STEM CELLS**
[54] **AMELIORATION DE NOSTOCYTOSE DE LESION DE VAISSEAU ET REPARATION POTENTIELLE DE CELLULES SOUCHES**
[72] GRANT, MARIA, US
[72] BARTELMEZ, STEPHEN H., US
[73] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC., US
[73] BETASTEM THERAPEUTICS, INC., US
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[25] FR
[54] **COMPOUNDS HAVING A GUANIDINE STRUCTURE AND USE OF SAME AS ORGANOPOLYSILOXANE POLYCONDENSATION CATALYSTS**
[54] **COMPOSES A STRUCTURE GUANIDINE ET LEURS UTILISATIONS COMME CATALYSEURS DE POLYCONDENSATION D'ORGANOPOLYSILOXANES**
[72] BARRANDON, GEORGES, FR
[72] BLANC, DELPHINE, FR
[72] MALIVERNEY, CHRISTIAN, FR
[72] PARISOT, HERVE, FR
[73] BLUESTAR SILICONES FRANCE, FR
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[73] CELLULOSE SCIENCES INTERNATIONAL, INC., US
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[54] **SOUS-VETEMENT PROTECTEUR MULTI-PANNEAUX**
[72] HOWELL, ANDREW RHYS, GB
[72] SEARLE, MATTHEW, GB
[72] LEWIS, CHRISTOPHER MARK, GB
[72] HOCKING, WILLIAM MARK, GB
[73] BCB INTERNATIONAL LIMITED, GB
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[54] **PROCEDE DE CONSTRUCTION DE BARRAGES UTILISANT UNE TECHNIQUE FRIGORIFIQUE**
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[72] YANG, GUAN, CN
[73] YANG, JU, CN
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- [54] **PROCEDE ET APPAREIL POUR RECEVOIR SIMULTANEMENT SUR DEUX PORTEUSES ET EXECUTER UNE EMISSION ET UNE RECEPTION DISCONTINUES DANS UN ACCES DE PAQUET DE LIAISON DESCENDANTE A GRANDE VITESSE A DEUX CELLULES**
- [72] CAVE, CHRISTOPHER R., CA
[72] MARINIER, PAUL, CA
[72] PANI, DIANA, CA
[72] PELLETIER, BENOIT, CA
[73] INTERDIGITAL PATENT HOLDINGS, INC., US
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[54] **METHOD FOR MOUNTING A BUSH AROUND A PART OF A SHAFT BY MEANS OF A TIGHT FITTING**
- [54] **PROCEDE POUR MONTER UNE DOUILLE AUTOUR D'UNE PARTIE D'UN ARBRE AU MOYEN D'UN AJUSTAGE SERRE**
- [72] PULNIKOV, ALEKSANDR, BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[30] BE (2008/0329) 2008-06-13

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[54] **CODING AND BEHAVIOR WHEN RECEIVING AN IMS EMERGENCY SESSION INDICATOR FROM AUTHORIZED SOURCE**
- [54] **CODAGE ET COMPORTEMENT LORS DE LA RECEPTION D'UN INDICATEUR DE SESSION DE DEMANDE DE SECOURS IMS PROVENANT D'UNE SOURCE AUTORISEE**
- [72] BAKKER, JAN HENDRIK LUCAS, US
[72] BUCKLEY, ADRIAN, US
[72] ALLEN, ANDREW, US
[73] BLACKBERRY LIMITED, CA
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[54] **SYSTEM AND METHOD FOR COORDINATED MULTI-POINT NETWORK OPERATION TO REDUCE RADIO LINK FAILURE**
- [54] **SYSTEME ET PROCEDE D'EXPLOITATION D'UN RESEAU MULTI-POINTS COORDONNE CONCU POUR REDUIRE LES ECHECS D'ETABLISSEMENT DE LIAISONS RADIO**
- [72] HU, ROSE QINGYANG, US
[72] CAI, ZHIJUN, US
[72] YU, YI, US
[72] SONG, YI, US
[73] BLACKBERRY LIMITED, CA
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[54] **METHOD AND DEVICE FOR BUFFER-BASED INTERLEAVED ENCODING OF AN INPUT SEQUENCE**
- [54] **PROCEDE ET DISPOSITIF POUR LE CODAGE D'UNE SEQUENCE D'ENTREE PAR ENTRELACEMENT BASE SUR DES DONNEES STOCKEES DANS LA MEMOIRE TAMPON**
- [72] KORODI, GERGELY FERENC, CA
[72] HE, DAKE, CA
[73] BLACKBERRY LIMITED, CA
- [86] (2728938)
[87] (2728938)
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[25] EN
[54] **FLUORESCENT TUBE REPLACEMENT HAVING LONGITUDINALLY ORIENTED LEDS**
- [54] **TUBE FLUORESCENT DE RECHANGE EQUIPE DE DEL ORIENTEES DANS LE SENS LONGITUDINAL**
- [72] IVEY, JOHN, US
[72] SIMON, DAVID L., US
[73] ILUMISYS, INC., US
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[54] **RESEAU DE CAPTEURS ACOUSTIQUES A FIBRES OPTIQUES**
[72] HALL, DAVID B., US
[73] NORTHROP GRUMMAN GUIDANCE AND ELECTRONICS COMPANY, INC., US
[85] 2011-01-06
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[54] **SYSTEM AND METHOD FOR PROVIDING CONTENT ON A MOBILE DEVICE BY CONTROLLING AN APPLICATION INDEPENDENT OF USER ACTION**
[54] **SYSTEME ET PROCEDE POUR FOURNIR UN CONTENU SUR UN DISPOSITIF MOBILE PAR COMMANDE D'UNE APPLICATION INDEPENDANTE D'UNE ACTION D'UTILISATEUR**
[72] WORMALD, CHRISTOPHER R., CA
[72] MALLICK, MARTYN H., CA
[72] BALSILLIE, JAMES L., CA
[73] BLACKBERRY LIMITED, CA
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[54] **AUDIO ENCODER AND DECODER FOR ENCODING FRAMES OF SAMPLED AUDIO SIGNALS**
[54] **ENCODEUR ET DECODEUR AUDIO POUR ENCODER DES TRAMES DE SIGNAUX AUDIO ECHANTILLONNES**
[72] LECOMTE, JEREMIE, DE
[72] BAYER, STEFAN, DE
[72] MULTRUS, MARKUS, DE
[72] RETTELBACH, NIKOLAUS, DE
[72] GOURNAY, PHILIPPE, CA
[73] VOICEAGE CORPORATION, CA
[73] FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[54] **PRODUCTION D'ACIDE DICARBOXYLIQUE PAR FERMENTATION A FAIBLE PH**
[72] JANSEN, MICKEL LEONARDUS AUGUST, NL
[72] VERWAAL, RENE, NL
[73] DSM IP ASSETS B.V., NL
[85] 2011-01-07
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[54] **REVERSIBLE F-CLAMP**
[54] **SUPPORT DE SERRAGE EN F INVERSABLE**
[72] GARRETT, KEN, CA
[72] ARTHUR, GREG, CA
[73] GARRETT, KEN, CA
[73] ARTHUR, GREG, CA
[86] (2731181)
[87] (2731181)
[22] 2011-02-08

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[54] **SUPPLEMENTAL NODE TRANSMISSION ASSISTANCE IN A WIRELESS COMMUNICATIONS NETWORK**
[54] **ASSISTANCE DE TRANSMISSION PAR NOEUD SUPPLEMENTAIRE DANS UN RESEAU DE COMMUNICATIONS SANS FIL**
[72] YU, YI, US
[72] HU, ROSE, US
[72] CAI, ZHIJUN, US
[72] SONG, YI, US
[73] BLACKBERRY LIMITED, CA
[86] (2733733)
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[54] **SYSTEM AND METHOD FOR COMMUNICATING USING FOUNTAIN CODES**

[54] **SYSTEME ET PROCEDE DE COMMUNICATION A L'AIDE D'UN SYSTEME EMBARQUE**

[72] SIMMONS, SEAN B., CA

[72] FURBECK, DAVID STUART, US

[72] JANHUNEN, STEFAN ERIK, CA

[73] BLACKBERRY LIMITED, CA

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[13] C

[51] Int.Cl. C08L 83/04 (2006.01) C09D 11/52 (2014.01) C08K 3/08 (2006.01) C08K 7/18 (2006.01) C09D 5/24 (2006.01) H01L 21/288 (2006.01)

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[54] **ADDITIF POUR FORMULATIONS ROBUSTES D'ENCRE POUR METAUX**

[72] SABAN, MARKO D., CA

[72] WANG, YULIN, CA

[72] MOKHTARI, MAHYA, CA

[72] GAYNOR, ROGER E., CA

[72] WU, YILIANG, CA

[73] XEROX CORPORATION, US

[86] (2734937)

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[54] **CHEMICAL COMPOUNDS FOR THE REMOVAL OF CARBON DIOXIDE FROM GASES**

[54] **COMPOSES CHIMIQUES POUR L'ELIMINATION DU DIOXYDE DE CARBONE DE GAZ**

[72] JI, LELI, US

[72] FARTHING, GEORGE A., JR., US

[73] BABCOCK & WILCOX POWER GENERATION GROUP, INC., US

[86] (2735063)

[87] (2735063)

[22] 2011-03-25

[30] US (61/318,044) 2010-03-26

[30] US (13/069,204) 2011-03-22

[11] 2,736,562
[13] C

[51] Int.Cl. H04N 1/46 (2006.01) G06T 1/00 (2006.01) H04N 1/60 (2006.01)

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[54] **IMAGE PROCESSING APPARATUS AND COLOR PROCESSING METHOD**

[54] **APPAREIL DE TRAITEMENT D'IMAGE ET PROCEDE DE TRAITEMENT DES COULEURS**

[72] MUTO, HIROYUKI, JP

[72] HATORI, KAZUSHIGE, JP

[72] BABA, KENJI, JP

[73] CANON KABUSHIKI KAISHA, JP

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[25] EN

[54] **METHOD FOR MEASURING THE INTERNAL SPACE OF AN AIRCRAFT**

[54] **PROCEDE POUR LE MESURAGE DE L'ESPACE INTERIEUR D'UN AVION**

[72] THOMASCHIEWSKI, OLIVER

[72] SASCHA, DE

[73] LUFTHANSA TECHNIK AG, DE

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[73] SLIPSTREAM DATA INC., CA

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[72] KATO, YASUHIRO, JP
[72] IWAMURA, MIKIO, JP
[72] KANAUCHI, MASASHI, JP
[73] NTT DOCOMO, INC., JP
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[72] HU, NAN-XING, CA
[72] QI, YU, CA
[72] ODELL, PETER G., CA
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[54] **TREPAN ET PROCEDE POUR INTRODUIRE, ETENDRE, PLIER ET RECUPERER UN TREPAN**
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[72] KEAST, GEOFFREY RICHARD, GB
[72] ELLIS, MICHAEL H., US
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[54] **INTERFACE UTILISATEUR ET PROCEDE DE VISUALISATION D'EVENEMENTS UNIFIES DE COMMUNICATION SUR UN DISPOSITIF MOBILE**
[72] MAGUIRE, MICHAEL, GB
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[73] BLACKBERRY LIMITED, CA
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[54] **APPAREIL ET PROCEDE POUR MESURER L'IMPEDANCE ELECTROCHIMIQUE**
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[72] JAMKE, RUTH A., US
[72] PLEYDON, ROBERT G., US
[72] DROBNY, JIRI GEORGE, US
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[54] **PLASTIC BAG MAKING METHOD AND APPARATUS**
[54] **PROCEDE POUR PRODUIRE UN SAC EN PLASTIQUE ET MACHINE DE FABRICATION DE SACS**
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[73] TOTANI CORPORATION, JP
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[72] KERR, GEORGE SCOTT, US
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[54] **AN APPARATUS AND METHOD FOR DEGRADING A WEB IN THE MACHINE DIRECTION WHILE PRESERVING CROSS-MACHINE DIRECTION STRENGTH**
[54] **APPAREIL ET METHODE DE GAUFRAGE D'UNE BANDE DANS LE SENS MACHINE TOUT EN CONSERVANT LA RESISTANCE DANS LE SENS TRANSVERSAL**
[72] RUTHVEN, PAUL J., US
[72] GRACYALNY, DALE T., US
[72] SCHULZ, GALYN A., US
[72] DEMILLE, JOHN R., US
[72] MOGGED, OTTO, III, US
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[54] **COMPOSITION D'HYGIENE BUCCO-DENTAIRE DESTINEE A ATTENUER OU FAIRE DISPARAITRE LA SENSIBILITE DENTAIRE**

[72] ZAIDEL, LYNETTE, US

[72] CHOPRA, SUMAN K., US

[72] PRENCIPE, MICHAEL, US

[72] WANG, QIN, US

[72] CHRISTOPOULOU, CONSTANTINA, US

[73] COLGATE-PALMOLIVE COMPANY, US

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[54] **METHOD OF ALLOCATING RESOURCES FOR TRANSMITTING UPLINK SIGNAL IN MIMO WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREOF**

[54] **PROCEDE D'ATTRIBUTION DE RESSOURCES POUR TRANSMETTRE UN SIGNAL DE LIAISON MONTANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL A ENTREES MULTIPLES SORTIE MULTIPLES ET DISPOSITIF ASSOCIE**

[72] KIM, BONG HOE, KR

[72] LEE, DAE WON, KR

[72] NOH, YU JIN, KR

[72] KANG, BYEONG WOO, KR

[72] SEO, DONG YOUN, KR

[72] ROH, DONG WOOK, KR

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[54] **INITIAL SETUP WITH AUTO-DETECTION, CONTEXTUAL HELP AND ADVERTISEMENT SPACE**

[54] **DISPOSITIF A REGLAGE INITIAL ASSORTI D'UN MODULE DE DETECTION AUTOMATIQUE, D'UNE AIDE CONTEXTUELLE ET D'UN ESPACE PUBLICITAIRE**

[72] BARNES, TRACY, US

[72] BAURMANN, TRAVIS, US

[72] FRIEDLANDER, STEVEN, US

[72] HILL, SETH, US

[72] NISHIKAWA, YUKO, US

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[54] **ENGRAIS A BASE D'OLIGOELEMENTS ET LEURS PROCEDES DE FABRICATION**

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[73] AGTEC INNOVATIONS, INC., US

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[54] **APPARATUS, METHODS AND PROCESSES FOR SORTING PARTICLES AND FOR PROVIDING SEX-SORTED ANIMAL SPERM**

[54] **DISPOSITIFS, PROCEDES ET PROCESSUS PERMETTANT DE TRIER DES PARTICULES ET D'OBTENIR DU SPERME ANIMAL PRODUISANT UNE PROGENITURE DE SEXE DONNE**

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[54] **ORTHESE CRANIO-CERVICALE A APPUIS LATERAUX ET METHODE ASSOCIEE**

[72] TULLOUS, MICAM W., US

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[54] **APPAREIL DE PESAGE ET METHODES D'EXPLOITATION D'UN TEL APPAREIL**

[72] SENDLINGER, JOHANN, DE

[72] WAHNFRIED, MARKUS, DE

[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE

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[54] **MATELAS COMPRENANT UN APPUI-TETE DESTINE A EMPECHER ET CORRIGER LES MALFORMATIONS CRANIENNES NON SYNOSTOTIQUES CHEZ DES NOURRISSONS**

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[54] **CLEANING METHOD COMPRISING A SOIL RELEASE TEREPHTHALATE DERIVED COPOLYMER**

[54] **PROCEDE DE NETTOYAGE COMPRENANT UN COPOLYMER DE LIBERATION DES SALISSURES DERIVE DU TEREPHTHALATE**

[72] DE BUZZACCARINI, FRANCESCO, BE

[72] CEULEMANS, RAPHAEL ANGELINE ALFONS, BE

[72] HEISEY, MATTHEW THOMAS, US

[72] OFFSHACK, EDWARD ROBERT, US

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[54] **FILMS ORGANIQUES STRUCTURES**

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[72] DE JONG, KATHY L., CA

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[54] **BUSE DE COULEE CONCUE POUR ETRE MONTÉE SUR LA PARTIE INFÉRIEURE D'UNE CUVE METALLURGIQUE**
[72] KENDALL, MARTIN, BE
[73] RHI AG, AT
[86] (2754323)
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[54] **AGRAFEUSE CHIRURGICALE**
[72] MILLIMAN, KEITH L., US
[72] JANKOWSKI, BRUCE K., US
[72] CUNY, DOUGLAS J., US
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[54] **CHARGEUR DE BATTERIES PORTATIF**
[72] FLEMMING, PETER, US
[73] SEARS BRANDS, LLC, US
[86] (2756217)
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[25] EN
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[54] **APPAREIL ET PROCÉDÉ D'AFFECTATION DE CODES OVSF ET DE CANAUX I/Q POUR RÉDUIRE LE RAPPORT DE PUISSANCE CRÊTE/MOYENNE DANS LA TRANSMISSION DE DONNÉES VIA DES CANAUX DEDIES DE LIAISON MONTANTE AMÉLIORÉS DANS DES SYSTÈMES WCDMA**
[72] CHO, JOON-YOUNG, KR
[72] LEE, JU-HO, KR
[72] HEO, YOUN-HYOUNG, KR
[72] KWAK, YONG-JUN, KR
[72] KIM, YOUNG-BUM, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **PROCEDE POUR LA CAPTURE DE CO₂ PRESENTANT A PERFORMANCE DE DECAPAGE AMELIOREE**
[72] BABURAO, BARATH, US
[72] LEISTER, JONATHAN W., US
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[73] ALSTOM TECHNOLOGY LTD, CH
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[72] FAGLEY, STONE, US
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[72] BRAMWELL, JACOB, US
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[72] GOLDBERG, JEFFREY MARC, US
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[72] CLAIREZIMMET, KAREN LYNN, US
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[72] BROSTOW, ADAM ADRIAN, US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[72] CASTANEDA, ANTHONY T., US
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[72] SCHLOEMER, JAMES F., US
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[72] PAULSEN, ODD ARILD, NO

[73] SORINWEST A/S, NO

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[72] REYES, PRISCILLA, US

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[72] STONER, BRIAN R., US

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[54] **PROCEDE DE PRODUCTION D'UNE ENCRE AQUEUSE POUR L'IMPRESSION PAR JET D'ENCRE ET D'UNE DISPERSION DE PIGMENT LIQUIDE DU TYPE AQUEUX**

[72] KIDO, MASAHIRO, JP

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[54] **APPAREIL ET PROCEDE POUR IDENTIFIER UNE PHASE DEFECTUEUSE DANS UNE BATTERIE DE CONDENSATEURS SHUNT**

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[73] SCHWEITZER ENGINEERING LABORATORIES, INC., US

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[72] LABORIE, DANIEL JEAN-LOUIS, US

[72] HOLTSCLAW, BRADLEY JAMES, US

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- [54] **CHAISE EMPILABLE DOTEE D'UN PORTE-TASSE**
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- [54] **DISPOSITIF DE SURVEILLANCE DE LA PRESSION DE PNEUS VIERGES ET SON PROCEDE D'INSTALLATION**
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- [73] CUB ELECPARTS INC., TW
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[54] **PIECE EXTERIEURE AVEC DONNEES VARIABLES**
[72] DERY, PIERRE, CA
[73] CCL LABEL, INC., US
[86] (2783239)
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[54] **FLEXIBLE TOY FIGURE WITH ARMATURE**
[54] **FIGURINE JOUET SOUPLE AVEC ARMATURE**
[72] BENECKE, BILL, US
[72] SUN, STEED, US
[72] CHEN, THAI CHENG, US
[73] MATTEL INC., US
[86] (2783391)
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[54] **ARTICLE ABRASIF REVETU DURABLE**
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[73] SAINT-GOBAIN ABRASIFS, FR
[73] SAINT-GOBAIN ABRASIVES, INC., US
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[54] **PROCEDE DE DEFIBRAGE DE PATE**
[72] SINGH, ANIRUDH, US
[72] SMITH, TIMOTHY DUANE, US
[72] BARNHOLTZ, STEVEN LEE, US
[72] SAEVECKE, DIRK, DE
[72] ISOLDI, GINA, BE
[72] ROUSSELANGE, FLORIAN, DE
[73] THE PROCTER AND GAMBLE COMPANY, US
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[54] **APPAREILS ET SYSTEMES POUR GENERER DES ONDES DE CHOC A HAUTE FREQUENCE, ET PROCEDES D'UTILISATION**
[72] CAPELLI, CHRISTOPHER C., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **INSTALLATION DE FORAGE SOUS-MARIN ET METHODE DE FORAGE DE TROU**
[72] BAUER, THOMAS, DE
[72] FINKENZELLER, STEFAN MICHAEL, DE
[73] BAUER MASCHINEN GMBH, DE
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[54] **COMPOSITION VACCINALE ANTI-PNEUMOCOCCIQUE A CONJUGUE PROTEINE-POLYSACCHARIDE DE VALENCE 15**
[72] CAULFIELD, MICHAEL J., US
[72] AHL, PATRICK L., US
[72] BLUE, JEFFREY T., US
[72] CANNON, JAYME L., US
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[72] IGNACZ, JENNIFER, CA
[73] BLACKBERRY LIMITED, CA
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[72] TOH, CHIN H., US
[72] BIANCHI, MAURICE PETER, US
[73] THE BOEING COMPANY, US
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[72] RILEY, T. MATTHEW, US
[73] GRAIL ENGINE TECHNOLOGIES, INC., US
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[54] **MOTEUR HORS-BORD**
[72] HARADA, YOSHIHIRO, JP
[72] KURIYAGAWA, KOJI, JP
[73] HONDA MOTOR CO., LTD., JP
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[54] **CATALYSEUR AU FER PRECIPITE POUR L'HYDROGENATION DU MONOXYDE DE CARBONE**
[72] DEMIREL, BELMA, US
[72] BENHAM, CHARLES B., US
[72] TAYLOR, JESSE W., US
[72] NIKRAD, PANDURANG V., US
[72] ROLFE, SARA L., US
[72] IONKINA, OLGA P., US
[72] DUVENHAGE, DAWID J., US
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[73] RES USA, LLC, US
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[54] **APPAREIL DE PERFUSION D'UN LIQUIDE**
[72] LEE, YOUNG GYU, KR
[73] WOO YOUNG MEDICAL CO., LTD., KR
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[72] TU, CHIN-WANG, US
[72] WANG, SHIH CHANG, TW
[72] HSU, PIN-HAO, TW
[72] CHENG, YI-KAI, TW
[73] LITE-ON TECHNOLOGY CORPORATION, TW
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[54] **FAUCHEUSE A ECIMEUSE FLOTTANTE**

[72] PATTERSON, ROGER L., CA
[72] BELL, ANDREW W. D., CA
[72] ENNS, JOHN E., CA
[73] MACDON INDUSTRIES LTD., CA
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[54] **INDUSTRIAL EXTRACTION OF URANIUM USING AMMONIUM CARBONATE AND MEMBRANE SEPARATION**

[54] **EXTRACTION INDUSTRIELLE D'URANIUM PAR UTILISATION DE CARBONATE D'AMMONIUM ET D'UNE SEPARATION SUR MEMBRANE**

[72] BASSIL, ANDREW, ZA
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[54] **ELECTRIC OR NATURAL GAS FIRED SMALL FOOTPRINT FRACTURING FLUID BLENDING AND PUMPING EQUIPMENT**

[54] **EQUIPEMENT DE POMPAGE ET DE MELANGE FONCTIONNANT AU GAZ NATUREL OU A L'ELECTRICITE POUR FLUIDE DE FRACTURATION A EMPREINTE REDUITE**

[72] CASE, LEONARD R., US
[72] HAGAN, ED B., US
[72] STEGEMOELLER, CALVIN L., US
[72] HYDEN, RON, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DETECTION D'UNE ORIENTATION AU FOND AU MOYEN D'UN GYROSCOPE A SPIN NUCLEAIRE**

[72] SAMSON, ETIENNE M., US
[72] MAIDA, JOHN L., JR., US
[72] LUSCOMBE, JOHN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEME ET PROCEDE PERMETTANT D'INTEGRER DES TABLEURS ET DES TABLEAUX DE TRAITEMENT DE TEXTE**

[72] WOLF, RICHARD J., US
[72] FISHER, OLIVER G., US
[72] FRANKLIN, CHRISTOPHER M., US
[72] GOUNARES, ALEXANDER G., US
[72] KOTLER, MATTHEW J., US
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[73] MICROSOFT CORPORATION, US
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[54] **SYSTEME DE CIMENTATION SOUS VIDE**

[72] VOGT, SEBASTIAN, DE
[72] BUECHNER, HUBERT, DE
[72] SCHNIEBER, TIM, DE
[73] HERAEUS MEDICAL GMBH, DE
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[54] **UN ACTIVATEUR AUTO-DURCISSANT PERMETTANT D'EVITER LA DILUTION D'ADHESIFS DENTAIRE ET DE FACILITER LA POLYMERISATION**

[72] LIU, HUAIBING, US

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[73] DENTSPLY INTERNATIONAL INC., US

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[72] HENDERSON, SCOTT, GB

[73] MERPRO TORTEK LTD, GB

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[54] **GENERATING A NON-REVERSIBLE STATE AT A BITCELL HAVING A FIRST MAGNETIC TUNNEL JUNCTION AND A SECOND MAGNETIC TUNNEL JUNCTION**

[54] **CREATION D'UN ETAT NON REVERSIBLE DANS UNE CELLULE BINAIRE AYANT UNE PREMIERE JONCTION A EFFET TUNNEL MAGNETIQUE ET UNE SECONDE JONCTION A EFFET TUNNEL MAGNETIQUE**

[72] RAO, HARI M., US

[72] KIM, JUNG PILL, US

[72] KANG, SEUNG H., US

[72] ZHU, XIAOCHUN, US

[72] KIM, TAE HYUN, US

[72] LEE, KANGHO, US

[72] LI, XIA, US

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[72] SUH, JUNGWON, US

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[54] **ARTICULATION TOURNANTE A EXTREMITÉ OSCILLANTE**

[72] SAKURAI, SEIYA, US

[72] JONES, KELLY T., US

[72] FOX, STEPHEN J., US

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[54] **FUEL CELL SYSTEM AND OPERATING METHOD THEREOF**

[54] **SYSTEME DE PILES A COMBUSTIBLE ET SON PROCEDE DE FONCTIONNEMENT**

[72] NISHIMURA, HIDETAKA, JP

[72] IKEZOE, KEIGO, JP

[72] SATO, MASASHI, JP

[73] NISSAN MOTOR CO., LTD., JP

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[72] RABASCO, JOHN J., US

[72] BOBSEIN, BARRETT R., US

[73] ROHM AND HAAS COMPANY, US

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[72] KURIAKOSE, SANJEEV, US

[73] JERR-DAN CORPORATION, US

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[54] **RADIO FREQUENCY ENHANCED STEAM ASSISTED GRAVITY DRAINAGE METHOD FOR RECOVERY OF HYDROCARBONS**

[54] **PROCEDE DE DRAINAGE PAR GRAVITE AU MOYEN DE VAPEUR AMELIORE PAR RADIOFREQUENCE POUR LA RECUPERATION D'HYDROCARBURES**

[72] TRAUTMAN, MARK, US

[72] PARSCHE, FRANCIS EUGENE, US

[73] HARRIS CORPORATION, US

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[54] **CARTOUCHE DE FLUIDE**

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[72] GONZALES, CURT, US

[72] STATHEM, RALPH, US

[72] OLSEN, DAVID, US

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[54] **FREE-STANDING DISPLAY FIXTURE**

[54] **PRESENTOIR AUTOPORTANT**

[72] HAWKINS, LAURA L., US

[73] TARGET BRANDS, INC., US

[86] (2813615)

[87] (2813615)

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[54] **SEPARATION AMELIOREE DE L'ETHYLENE**

[72] HOTTOVY, JOHN D., US

[72] CYMBALUK, TED, US

[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US

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[54] **CARRIER FOR BLOOD COMPONENT ADSORPTION AND BLOOD COMPONENT ADSORPTION COLUMN**

[54] **SUPPORT POUR L'ADSORPTION DE COMPOSANT SANGUIN ET COLONNE D'ADSORPTION DE COMPOSANT SANGUIN**

[72] TOMITA, NAOTOSHI, JP

[72] UENO, YOSHIYUKI, JP

[72] TANAHASHI, KAZUHIRO, JP

[73] TORAY INDUSTRIES, INC., JP

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[87] (WO2012/057185)

[30] JP (2010-241228) 2010-10-27

[11] 2,815,462
[13] C

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[25] EN

[54] **IONIC LIQUID CATALYZED OLEFIN OLIGOMERIZATION FOR DISTILLATE PRODUCTION**

[54] **OLIGOMERISATION D'OLEFINES CATALYSEE PAR UN LIQUIDE IONIQUE POUR UNE PRODUCTION DE DISTILLAT**

[72] TIMKEN, HYE-KYUNG C., US

[72] ZHAN, BI-ZENG, US

[73] CHEVRON U.S.A. INC., US

[85] 2013-04-22

[86] 2011-07-15 (PCT/US2011/044140)

[87] (WO2012/087380)

[30] US (12/975,750) 2010-12-22

[11] 2,823,363
[13] C

[51] **Int.Cl. C12P 7/16 (2006.01) C12P 7/02 (2006.01) C12P 19/00 (2006.01) D21C 1/10 (2006.01)**

[25] EN

[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**

[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**

[72] MEDOFF, MARSHALL, US

[73] XYLECO, INC., US

[86] (2823363)

[87] (2823363)

[22] 2007-10-26

[62] 2,667,628

[30] US (60/854,519) 2006-10-26

[30] US (60/863,290) 2006-10-27

[30] US (60/859,911) 2006-11-17

[30] US (60/875,144) 2006-12-15

[30] US (60/881,891) 2007-01-23

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[13] C
- [51] Int.Cl. D21C 1/10 (2006.01) C12P 1/00 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) D21C 1/00 (2006.01) F01K 13/00 (2006.01) F01K 21/00 (2006.01) C08H 7/00 (2011.01)
- [25] EN
- [54] METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION
- [54] METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE
- [72] MEDOFF, MARSHALL, US
- [73] XYLECO, INC., US
- [86] (2823381)
- [87] (2823381)
- [22] 2007-10-26
- [62] 2,667,628
- [30] US (60/854,519) 2006-10-26
- [30] US (60/863,290) 2006-10-27
- [30] US (60/859,911) 2006-11-17
- [30] US (60/875,144) 2006-12-15
- [30] US (60/881,891) 2007-01-23

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- [54] METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION
- [54] METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE
- [72] MEDOFF, MARSHALL, US
- [73] XYLECO, INC., US
- [86] (2823439)
- [87] (2823439)
- [22] 2007-10-26
- [62] 2,667,628
- [30] US (60/854,519) 2006-10-26
- [30] US (60/863,290) 2006-10-27
- [30] US (60/859,911) 2006-11-17
- [30] US (60/875,144) 2006-12-15
- [30] US (60/881,891) 2007-01-23

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[13] C
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- [25] EN
- [54] COVER SHEET FOR PILL RECEPTACLE AND PILLBOX KIT COMPRISING SAME
- [54] FEUILLE DE COUVERTURE POUR CONTENANT DE PILULES ET NECESSAIRE DE PILULIER COMPORTANT CELLE-CI
- [72] PROULX, ALAIN, CA
- [72] THERRIEN, MARIO, CA
- [73] RICHARDS PACKAGING INC.- EMBALLAGES RICHARDS INC., CA
- [86] (2823465)
- [87] (2823465)
- [22] 2013-08-08

- [11] 2,824,317
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- [25] EN
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- [54] UTILISATIONS DES CERTAINS ANALOGUES DE PROSTAGLANDINE DE LA SERIE F POUR LE TRAITEMENT DU DIABETE ET DE LA DYSLIPIDEMIE
- [72] KALAYOGLU, MURAT V., US
- [73] TOPOKINE THERAPEUTICS, INC., US
- [85] 2013-07-09
- [86] 2012-01-18 (PCT/US2012/021692)
- [87] (WO2012/099942)
- [30] US (61/434,337) 2011-01-19

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- [25] EN
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- [54] CATHETER DE MAPPAGE CARDIAQUE DE STYLE PANIER AYANT UNE POINTE DE PANIER ATRAUMATIQUE POUR UNE DETECTION DE TROUBLES DE LA FREQUENCE CARDIAQUE
- [72] KORDIS, THOMAS F., US
- [72] JOHNSON, ERIC T., US
- [72] BURKE, PHILLIP C., US
- [72] KENT, DARRIN J., US
- [72] RAGLAND, ROBERT RYAN, US
- [73] TOPERA, INC., US
- [85] 2013-10-18
- [86] 2012-03-01 (PCT/US2012/027183)
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- [11] 2,831,368
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- [54] INKJET RECORDING METHOD AND INK SET FOR INKJET RECORDING
- [54] PROCEDE D'IMPRESSION A JET D'ENCRE ET ENSEMBLE D'ENCRE POUR IMPRESSION A JET D'ENCRE
- [72] INUMARU, MASAKI, JP
- [72] MIYATA, EIICHI, JP
- [72] OTOMARU, TAKAO, JP
- [72] SUGITA, YUKIO, JP
- [72] TAMURA, MITSUYOSHI, JP
- [72] YAMAZAKI, FUMIE, JP
- [72] SHIRAIISHI, NAOKI, JP
- [73] DNP FINE CHEMICALS CO., LTD., JP
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[72] ELLIOTT, ANTHONY, AU
[73] LUDOWICI AUSTRALIA PTY LTD, AU
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[11] **2,839,894**
[13] C

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[54] **ENSEMBLES INJECTEURS DE COMBUSTIBLE COMPRENANT DES MODIFICATEURS DE FORCE ACOUSTIQUE, ET PROCEDES D'UTILISATION ET DE FABRICATION ASSOCIES**
[72] MCALISTER, ROY E., US
[73] MCALISTER TECHNOLOGIES, LLC, US
[86] (2839894)
[87] (2839894)
[22] 2011-02-14
[62] 2,788,577
[30] US (61/304,403) 2010-02-13
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[11] **2,840,616**
[13] C

[51] **Int.Cl. A63C 10/02 (2012.01) A63C 13/00 (2006.01)**
[25] EN
[54] **SNOWSHOE WITH DOUBLE HINGE BINDING**
[54] **RAQUETTE A NEIGE A FIXATION A DOUBLE CHARNIERE**
[72] DUSSAULT, GEOFFROY, CA
[73] LOUIS GARNEAU SPORTS INC., CA
[86] (2840616)
[87] (2840616)
[22] 2014-01-22

[11] **2,843,680**
[13] C

[51] **Int.Cl. G06K 9/78 (2006.01) G06K 9/20 (2006.01) G07C 11/00 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS AND SYSTEM FOR ELECTRONICALLY ESTABLISHING OWNERSHIP OF A PHYSICAL MEDIA CARRIER**
[54] **PROCEDE, APPAREIL ET SYSTEME POUR ETABLIR ELECTRONIQUEMENT LA POSSESSION D'UN SUPPORT MULTIMEDIA PHYSIQUE**
[72] HUDSON, PETER MICHAEL BRUCE, CA
[72] MUJA, MARIUS CONSTANTIN, CA
[73] BITLIT MEDIA INC., CA
[85] 2014-01-30
[86] 2013-07-25 (PCT/CA2013/050578)
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[30] US (61/676,062) 2012-07-26

[11] **2,844,723**
[13] C

[51] **Int.Cl. A45D 27/24 (2006.01) B26B 21/24 (2006.01)**
[25] EN
[54] **RAZOR CARTRIDGE DISPENSER**
[54] **DISTRIBUTEUR DE RECHARGES DE RASOIR**
[72] LEE, STUART HARVEY, US
[72] SCHAEPEERS, JOCHEN RAINER, US
[72] KATZ-MAYFIELD, ANDY, US
[72] RAIDER, JEFFREY JACOB, US
[73] ADKM INC., US
[86] (2844723)
[87] (2844723)
[22] 2014-03-05
[30] US (13/788,299) 2013-03-07

[11] **2,846,958**
[13] C

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[25] EN
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[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2846958)
[87] (2846958)
[22] 2007-10-26
[62] 2,823,244
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-03-23

[11] **2,846,983**
[13] C

[51] **Int.Cl. A61K 31/5575 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR REDUCING BODY FAT AND ADIPOCYTES**
[54] **PROCEDES ET COMPOSITIONS POUR LA REDUCTION DE LA GRAISSE CORPORELLE ET DES ADIPOCYTES**
[72] KALAYOGLU, MURAT V., US
[72] SINGER, MICHAEL S., US
[73] TOPOKINE THERAPEUTICS, INC., US
[85] 2014-02-26
[86] 2012-12-19 (PCT/US2012/070581)
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[30] US (61/577,332) 2011-12-19
[30] US (13/548,482) 2012-07-13

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[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2847914)
[87] (2847914)
[22] 2007-10-26
[62] 2,823,382
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[11] **2,848,500**
[13] C

[51] **Int.Cl. C12P 7/16 (2006.01) C12P 7/02 (2006.01) C12P 7/10 (2006.01) C12P 19/00 (2006.01) D21C 1/10 (2006.01)**
[25] EN
[54] **METHODS OF PROCESSING BIOMASS COMPRISING ELECTRON-BEAM RADIATION**
[54] **METHODE DE TRAITEMENT D'UNE BIOMASSE INCLUANT UN RAYONNEMENT PAR FAISCEAU ELECTRONIQUE**
[72] MEDOFF, MARSHALL, US
[73] XYLECO, INC., US
[86] (2848500)
[87] (2848500)
[22] 2007-10-26
[62] 2,823,043
[30] US (60/854,519) 2006-10-26
[30] US (60/863,290) 2006-10-27
[30] US (60/859,911) 2006-11-17
[30] US (60/875,144) 2006-12-15
[30] US (60/881,891) 2007-01-23

[11] **2,850,585**
[13] C

[51] **Int.Cl. H04L 29/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PEER ARRANGEMENT IN SINGLE SUBSTREAM UPLOAD P2P OVERLAY NETWORKS**
[54] **PROCEDE ET DISPOSITIF D'AGENCEMENT DE PAIRS DANS DES RESEAUX DE RECOUVREMENT P2P A TELEVERSEMENT DE SOUS-FLUX UNIQUE**
[72] EL-BELTAGY, MOHAMMED, SE
[72] NAIEM, AMGAD, SE
[72] EL-ANSARY, SAMEH, SE
[73] PEERIALISM AB, SE
[85] 2014-03-31
[86] 2012-11-12 (PCT/EP2012/072411)
[87] (WO2013/072283)
[30] SE (1151097-1) 2011-11-18
[30] US (13/299,981) 2011-11-18

[11] **2,853,334**
[13] C

[51] **Int.Cl. F17D 5/02 (2006.01)**
[25] EN
[54] **PIPELINE LEAKAGE-SENSING DEVICE**
[54] **DISPOSITIF DE DETECTION DE FUITES DANS UNE CANALISATION**
[72] HARA, ELMER H., CA
[73] UNIVERSITY OF REGINA, CA
[86] (2853334)
[87] (2853334)
[22] 2007-02-02
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[30] US (60/764,335) 2006-02-02

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[13] A1

[51] Int.Cl. B65D 41/00 (2006.01)
[25] EN
[54] UNKNOWN
[54] INCONNUE
[72] UNKNOWN, ZZ
[71] KRENDL, WOLFGANG WILHELM, CA
[22] 2013-06-06
[41] 2014-12-06

[21] 2,817,301
[13] A1

[51] Int.Cl. H04N 21/235 (2011.01) H04N 21/84 (2011.01) G06Q 30/06 (2012.01) H04L 9/32 (2006.01)
[25] EN
[54] METHOD AND SYSTEM FOR PROVIDING AN INTERACTIVE SHOPPING CHANNEL
[54] PROCEDE ET SYSTEME POUR FOURNIR UN CANAL DE MAGASINAGE INTERACTIF
[72] KUMAR, VINAY, CA
[72] JIN, LUOJUN, CA
[72] WEBB, MICHAEL, CA
[72] WANG, PING, CA
[71] ROGERS COMMUNICATIONS INC., CA
[22] 2013-05-31
[41] 2014-11-30

[21] 2,817,358
[13] A1

[51] Int.Cl. G01N 15/10 (2006.01) C23C 18/18 (2006.01) C23C 18/44 (2006.01) G01N 15/14 (2006.01)
[25] EN
[54] PATTERNED CAPILLARY DEVICE AND PROCESS FOR FABRICATING THEREOF
[54] DISPOSITIF CAPILLAIRE STRUCTURE ET PROCEDE DE FABRICATION DE CELUI-CI
[72] BOUDREAU, DENIS, CA
[72] LA VOIE, FELIX-ANTOINE, CA
[72] RATELLE, OLIVIER, CA
[71] UNIVERSITE LAVAL, CA
[22] 2013-05-30
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[21] 2,817,469
[13] A1

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[25] EN
[54] ROLLOVER PROTECTION STRUCTURE
[54] STRUCTURE DE PROTECTION CONTRE LE RETOURNEMENT
[72] BHARDWAJ, SAIHIL, CA
[72] SMITH, JACK R., CA
[71] BHARDWAJ, SAIHIL, CA
[71] SMITH, JACK R., CA
[22] 2013-05-31
[41] 2014-11-30

[21] 2,817,472
[13] A1

[51] Int.Cl. G01B 11/24 (2006.01) A61B 3/10 (2006.01) H01S 5/00 (2006.01) H01S 5/10 (2006.01)
[25] EN
[54] SWEPT SOURCE AND OPTICAL COHERENCE TOMOGRAPH USING SAME
[54] SOURCE BALAYEE ET TOMOGRAPHE DE COHERENCE OPTIQUE UTILISANT CELLE-CI
[72] PETER, YVES-ALAIN, CA
[72] POULIN, ALEXANDRE, CH
[72] ZHU, GUCHUAN, CA
[72] BOUDOUX, CAROLINE, CA
[71] POLYVALOR, CA
[22] 2013-05-31
[41] 2014-11-30

[21] 2,817,477
[13] A1

[51] Int.Cl. G06F 21/36 (2013.01) G06Q 30/02 (2012.01)
[25] EN
[54] SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR PROVIDING VIDEO-PASSWORDS FOR USER AUTHENTICATION
[54] SYSTEMES, PROCEDES ET PRODUITS-PROGRAMMES INFORMATIQUES POUR FOURNIR DES MOTS DE PASSE VIDEO A DES FINS D'AUTHENTIFICATION DES UTILISATEURS
[72] THORPE, JULIE KATHERINE, CA
[72] SALEHI-ABARI, AMIRALI, CA
[72] BURDEN, ROBERT ERIC, CA
[71] UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, CA
[22] 2013-05-31
[41] 2014-11-30

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[13] A1

[51] Int.Cl. H04W 4/02 (2009.01) G06Q 30/02 (2012.01) A63B 71/02 (2006.01) A63B 71/06 (2006.01)

[25] EN

[54] METHOD AND SYSTEM FOR LOCATION-BASED DIGITAL GOLF MEDIA DELIVERY

[54] PROCEDE ET SYSTEME POUR LIVRAISON DE CONTENU MULTIMEDIA DE GOLF NUMERIQUE BASE SUR L'EMPLACEMENT

[72] LUCAS, JONATHAN CHARLES ERIC, CA

[72] ASKES, ANDREW MARTIN, CA

[71] ARC MEDIA INC., CA

[22] 2013-05-31

[41] 2014-11-30

[21] 2,817,563
[13] A1

[51] Int.Cl. E01F 13/00 (2006.01) E04H 17/14 (2006.01)

[25] EN

[54] VEHICLE AND PERSONAL BARRIER FOR CONSTRUCTION SITE

[54] BARRIERE POUR VEHICULES ET PIETONS POUR CHANTIER DE CONSTRUCTION

[72] DITTA, PAUL LUKE, CA

[72] DITTA, VITO, CA

[72] DITTA, JOSEPH, CA

[71] DITTA, PAUL LUKE, CA

[71] DITTA, VITO, CA

[71] DITTA, JOSEPH, CA

[22] 2013-06-04

[41] 2014-12-04

[21] 2,817,608
[13] A1

[51] Int.Cl. A47B 47/06 (2006.01) A47B 43/04 (2006.01) A47B 45/00 (2006.01)

[25] EN

[54] STACKABLE STORAGE RACK ASSEMBLY

[54] ENSEMBLE DE CASIERS DE RANGEMENT EMPILABLES

[72] MURPHY, JORDAN, CA

[71] UMBRA LLC, US

[22] 2013-06-04

[41] 2014-12-04

[30] US (13/909,504) 2013-06-04

[21] 2,817,612
[13] A1

[51] Int.Cl. E21B 43/24 (2006.01)

[25] EN

[54] METHOD FOR FAST AND UNIFORM SAGD START-UP ENHANCEMENT

[54] PROCEDE POUR AMELIORATION DE DEMARRAGE DGMV RAPIDE ET UNIFORME

[72] YUAN, YANGUANG, CA

[71] BITCAN GEOSCIENCES & ENGINEERING, CA

[22] 2013-05-31

[41] 2014-11-30

[21] 2,817,617
[13] A1

[51] Int.Cl. E04C 1/41 (2006.01) E04C 1/00 (2006.01)

[25] FR

[54] INSULATING BEAM-BLOCK WITH TWO CONCRETE WALLS

[54] BLOC-POUTRE ISOLANT A DEUX PAROIS DE BETON

[72] INCONNUE, ZZ

[71] CHABOT, MARIO, CA

[22] 2013-06-03

[41] 2014-12-03

[21] 2,817,728
[13] A1

[51] Int.Cl. A61K 9/00 (2006.01) A61K 47/30 (2006.01) A61K 47/34 (2006.01) A61P 25/00 (2006.01)

[25] EN

[54] ABUSE DETERRENT IMMEDIATE RELEASE FORMULATION

[54] FORMULATION A LIBERATION IMMEDIATE DE PREVENTION DES ABUS

[72] BHANDARI, KRISHNA HARI, CA

[72] TALWAR, NARESH, CA

[71] PHARMASCIENCE INC., CA

[22] 2013-05-31

[41] 2014-11-30

[21] 2,817,748
[13] A1

[51] Int.Cl. A47B 41/00 (2006.01) A47B 39/02 (2006.01) A47B 91/00 (2006.01) F16B 12/44 (2006.01)

[25] EN

[54] A DESK HAVING A BOOK BOX

[54] BUREAU COMPORTANT UNE BOITE A LIVRES

[72] THAKRAR, HARSHIL, CA

[72] THAKRAR, NAT, CA

[71] EDUCAN INSTITUTIONAL FURNITURE LTD., CA

[22] 2013-05-31

[41] 2014-11-30

[21] 2,817,761
[13] A1

[51] Int.Cl. F24D 13/02 (2006.01) F24D 19/02 (2006.01) F24D 19/06 (2006.01) G05D 23/19 (2006.01) H05B 1/02 (2006.01)

[25] EN

[54] CONVECTION WALL HEATER WITH POWER CORD PLUG

[54] APPAREIL DE CHAUFFAGE MURAL A CONVECTION AVEC FICHE DE CORDON D'ALIMENTATION

[72] CHU, HAK KEE, CN

[71] SOURCE PRO ELECTRICAL MFG., CO., LTD., CN

[22] 2013-06-03

[41] 2014-12-03

[21] 2,817,864
[13] A1

[51] Int.Cl. A47B 97/02 (2006.01) A47B 23/00 (2006.01) G09B 15/02 (2006.01) G09F 7/08 (2006.01) G09F 11/02 (2006.01)

[25] EN

[54] MUSIC PRINTS STAND

[54] SUPPORT DE PARTITIONS MUSICALES

[72] ISHIMURA, YASUSHI, CA

[71] ISHIMURA, YASUSHI, CA

[22] 2013-06-04

[41] 2014-12-04

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[25] EN
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[54] PROCEDE DE FABRICATION DE PANNEAUX ACOUSTIQUES A SURFACE TRIDIMENSIONNELLE
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[72] HARRISON, DONALD W., US
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[25] EN
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[54] MECANISME DE LAME POUR DISPOSITIF DE COUPE DE MATIERE VEGETALE
[72] EVANS, JAY, CA
[72] MCKELLAR, AARON, CA
[71] KEIRTON MANUFACTURING LTD., CA
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[54] SYSTEME DE CARILLON EOLIEN MODULAIRE
[72] SCHMIDT, ZURIEL L., CA
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[72] ABDULLA, LOAI, CA
[71] ABDULLA, LOAI, CA
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[54] TAMBOUR POUR DISPOSITIF DE COUPE DE MATIERE VEGETALE
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[72] MCKELLAR, AARON, CA
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[54] SYSTEME DE MOULAGE ET PROCEDE DE MOULAGE
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[72] KAIVERS, SEBASTIAN, DE
[72] HALTER, CHRISTOPHE, BE
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[54] SYSTEME DE PROTECTION DE BOTTES
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 [54] **SYSTEMES, PROCEDES ET PRODUITS-PROGRAMMES INFORMATIQUES POUR FOURNIR DES MOTS DE PASSE VIDEO A DES FINS D-AUTHENTIFICATION DES UTILISATEURS**
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 [72] SALEHI-ABARI, AMIRALI, CA
 [72] BURDEN, ROBERT ERIC, CA
 [71] UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, CA
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 [54] **ENSEMBLE DE PORTE**
 [72] WEI, WUXIANG, CN
 [71] FOSHAN IDEAL CO., LTD., CN
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 [30] CN (201320314093.6) 2013-06-03

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 [54] **PLAQUE D'ALERTE POUR TRAVERSEE SURE ET DISTRIBUTEUR DE RANGEMENT ET DE FOURNITURE D'UNE TELLE PLAQUE**
 [72] BAZIERE, FRANK DARIER FDB, CA
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 [54] **METHODE D'EXPLOITATION MINIERE A SOLUTION AMELIOREE AVEC INJECTION DE FLUIDE HORIZONTALE**
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 [71] 101061615 SASKATCHEWAN LTD., CA
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[21] **2,822,840**
 [13] A1

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 [25] EN
 [54] **IMPROVED SOLUTION MINING METHOD WITH ELONGATE SUMP**
 [54] **METHODE D'EXPLOITATION MINIERE A SOLUTION AMELIOREE AVEC ALBRAQUE ALLONGEE**
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 [41] 2014-12-02
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 [54] **UTILISATION DE GLYCERINE INTRAVEINEUSE OU INTRACAVITAIRE POUR LA DESTRUCTION DU BIOFILM BACTERIEN**
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 [71] BRYAN, THOMAS B., US
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 [54] **CONTENANT ET TUYAU POLYVALENT**
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[25] EN
[54] PRESSURE WASHER WITH HOSE REEL AND MOTOR PUMP ASSEMBLY
[54] PULVERISATEUR PUISSANT AVEC ENROULEUR DE TUYAU ET ENSEMBLE MOTEUR-POMPE
[72] LIU, MING, CA
[72] SCHMIDER, JOHN, CA
[72] LOUDON, JONATHAN, CA
[72] LAM, HEATHER, CA
[71] ACTIVE PRODUCTS INC., CA
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[21] 2,830,096
[13] A1

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[54] PULVERISATEUR PUISSANT AVEC ENROULEUR DE TUYAU ET ENSEMBLE MOTEUR-POMPE
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[13] A1

[51] Int.Cl. B60C 11/03 (2006.01) B60C 11/11 (2006.01)
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[54] ACCESSOIRE SEXUEL
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[71] COUTO, WALLY, CA
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[72] ROMERO, FRANCISCO, US
[71] OFFICE MASTER, US
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[30] US (13/911,442) 2013-06-06

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[13] A1

[51] Int.Cl. F25B 49/02 (2006.01) F24F 1/06 (2011.01) F24F 11/02 (2006.01) F25B 30/02 (2006.01)
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[54] SYSTEME DE POMPE A CHALEUR POURVU D'UN CONTROLEUR DE DECLenchement A HAUTE PRESSION
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[72] BERG, ERIC, US
[72] HREJSA, PETE, US
[71] LENNOX INDUSTRIES INC., US
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[30] US (13/908,884) 2013-06-03

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[51] Int.Cl. G08G 9/02 (2006.01) G08G 1/16 (2006.01) G08G 3/02 (2006.01) G08G 5/04 (2006.01)
[25] EN
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[54] SYSTEME ET PROCEDE POUR DECISIONS DE ROUTAGE DANS UN SYSTEME DE GESTION DE SEPARATION
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[71] THE BOEING COMPANY, US
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[41] 2014-12-04
[30] US (13/909,075) 2013-06-04

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[54] SYSTEME DE POMPE A CHALEUR AYANT UN MODE DE CONFORT AMELIORE
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[72] GOEL, RAKESH, US
[72] DOUGLAS, JON, US
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 [54] **RESEAU DE CAPTEUR UTILISANT DES SIGNAUX MODULES PAR LARGEUR D-IMPULSION**
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 [72] PETRE, PETER, US
 [71] THE BOEING COMPANY, US
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[13] A1

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 [25] EN
 [54] **COMPOSITE HAT STIFFENER**
 [54] **RAIDISSEUR DE CHAPEAU COMPOSITE**
 [72] FIRKO, JASON LAWRENCE, US
 [72] MAZZA, CHRISTOPHER, US
 [71] THE BOEING COMPANY, US
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[13] A1

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 [25] EN
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 [54] **SYSTEME DE NOTIFICATION D'IDENTIFICATION PAR RADIOFREQUENCE**
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 [72] EGGEMEYER, AARON L., US
 [72] HALBERT, TERRENCE L., US
 [72] GOODALL, MICHAEL L., US
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[51] **Int.Cl. B32B 7/06 (2006.01) B01J 19/12 (2006.01) B32B 27/04 (2006.01) B32B 38/10 (2006.01)**
 [25] EN
 [54] **HEATING LAYER FOR FILM REMOVAL**
 [54] **COUCHE CHAUFFANTE POUR RETRAIT DE PELLICULE**
 [72] KOVACH, DANIEL J., US
 [72] GEORGESON, GARY E., US
 [72] MILLER, ROBERT J., US
 [72] MORGAN, JEFFREY D., US
 [72] RAWLINGS, DIANE C., US
 [71] THE BOEING COMPANY, US
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[13] A1

[51] **Int.Cl. B26D 7/00 (2006.01) B26D 1/06 (2006.01) B26D 3/06 (2006.01)**
 [25] EN
 [54] **DEVICE FOR CUTTING MATERIAL AND CUTTING UNIT WITH OSCILLATING CUTTING KNIFE AND VARIABLE CUTTING ANGLE OF INCLINATION**
 [54] **DISPOSITIF POUR COUPER UN MATERIAU ET UNITE DE COUPE A COUTEAU OSCILLANT ET ANGLE D'INCLINAISON DE COUPE VARIABLE**
 [72] BROEKE, GUENTER, DE
 [71] BROEKE, GUENTER, DE
 [22] 2014-03-18
 [41] 2014-12-03
 [30] DE (102013009251.5) 2013-06-03

[21] 2,847,856
[13] A1

[51] **Int.Cl. B29C 65/00 (2006.01) B29C 35/00 (2006.01)**
 [25] EN
 [54] **SHIM MANUFACTURING SYSTEM**
 [54] **SYSTEME DE FABRICATION DE CALES**
 [72] MATSEN, MARC ROLLO, US
 [72] SMITH, BRIAN W., US
 [72] MILLER, ROBERT JAMES, US
 [71] THE BOEING COMPANY, US
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 [41] 2014-12-04
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[13] A1

[51] **Int.Cl. G01N 3/02 (2006.01) G01N 3/08 (2006.01)**
 [25] EN
 [54] **APPARATUS AND METHOD FOR LOAD TESTING A COUPON**
 [54] **APPAREIL ET PROCEDE POUR ESSAI DE CHARGE D'UN COUPON**
 [72] KISMARTON, MAX U., US
 [71] THE BOEING COMPANY, US
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 [41] 2014-12-03
 [30] US (13/908,606) 2013-06-03

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[13] A1

[51] **Int.Cl. G06Q 50/08 (2012.01) E04G 9/00 (2006.01) E04G 21/00 (2006.01) G09B 29/00 (2006.01)**
 [25] EN
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 [54] **MODELE ARCHITECTURAL PLEINE ECHELLE ET PROCEDE POUR INSTALLER DES ELEMENTS DE CONSTRUCTION POUR DES EXPOSITIONS, DES SALONS PROFESSIONNELS, DES CONGRES ET DES EVENEMENTS**
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 [72] WEST, BRIAN, US
 [72] CROW, CARL EDWARD, US
 [71] FREEMAN CAPITAL COMPANY, US
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 [41] 2014-11-30
 [30] US (13/907,735) 2013-05-31

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[13] A1

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 [25] EN
 [54] **GAIN COMPENSATION FOR A FULL BRIDGE INVERTER**
 [54] **COMPENSATION DE GAIN POUR UN ONDULEUR EN PONT COMPLET**
 [72] MATTMILLER, AARON, US
 [72] TONN, DONALD, US
 [72] WASKIEWICZ, ALEXANDER M., US
 [71] COVIDIEN LP, US
 [22] 2014-04-22
 [41] 2014-11-30
 [30] US (61/829,433) 2013-05-31
 [30] US (14/168,296) 2014-01-30

[21] 2,849,840
[13] A1

[51] **Int.Cl. D06F 75/24 (2006.01) D06F 71/34 (2006.01) D06F 75/14 (2006.01) D06F 75/38 (2006.01)**
 [25] FR
 [54] **STEAM IRONING DEVICE INCLUDING AN IRON**
 [54] **APPAREIL DE REPASSAGE A LA VAPEUR COMPRENANT UN FER A REPASSER**
 [72] LEMAIRE, STEPHANIE, FR
 [72] LEBOEUF, STEPHANE, FR
 [72] GELUS, DOMINIQUE, FR
 [71] SEB S.A., FR
 [22] 2014-04-24
 [41] 2014-11-30
 [30] FR (13 54961) 2013-05-30

[21] 2,849,841
[13] A1

[51] **Int.Cl. D06F 75/08 (2006.01)**
 [25] FR
 [54] **STEAM IRONING DEVICE**
 [54] **APPAREIL DE REPASSAGE A LA VAPEUR**
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 [72] LEBOEUF, STEPHANE, FR
 [72] GELUS, DOMINIQUE, FR
 [71] SEB S.A., FR
 [22] 2014-04-24
 [41] 2014-11-30
 [30] FR (13 54962) 2013-05-30

[21] 2,850,067
[13] A1

[51] **Int.Cl. B29B 11/04 (2006.01)**
 [25] EN
 [54] **SYSTEM AND METHOD FOR PRODUCING A THREE-DIMENSIONAL DRY FIBER PREFORM**
 [54] **SYSTEME ET PROCEDE POUR PRODUIRE UNE PREFORME EN FIBRES SECHES TRIDIMENSIONNELLE**
 [72] THRASH, PATRICK J., US
 [72] BOGER, CHAD L., US
 [72] FARRELL, MICHAEL JAMES, US
 [71] THE BOEING COMPANY, US
 [22] 2014-04-25
 [41] 2014-12-05
 [30] US (13/910,857) 2013-06-05

[21] 2,850,205
[13] A1

[51] **Int.Cl. E21B 21/16 (2006.01) E21B 47/00 (2012.01)**
 [25] EN
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 [54] **SYSTEME DE DETECTION A FIBRES OPTIQUES AVEC PURGE A L'HYDROGENE**
 [72] JAASKELAINEN, MIKKO, US
 [71] HALLIBURTON ENERGY SERVICES, INC., US
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 [41] 2014-12-05
 [30] US (13/910,635) 2013-06-05

[21] 2,850,875
[13] A1

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 [25] EN
 [54] **INSULATING GLASS UNIT FILLED WITH ADSORBABLE GAS**
 [54] **VITRAGE ISOLANT REMPLI DE GAZ ADSORBABLE**
 [72] ZURN, BENJAMIN, J., US
 [71] CARDINAL IG COMPANY, US
 [22] 2014-04-30
 [41] 2014-11-30
 [30] US (61/829,085) 2013-05-30

[21] 2,850,878
[13] A1

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 [72] FISK, ANDREW E., US
 [71] PULSE TECHNOLOGIES, INC., US
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 [30] US (13/905,851) 2013-05-30

[21] 2,851,006
[13] A1

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 [25] EN
 [54] **SEALING AND TESTING SEGMENTED TOOLS**
 [54] **OUTILS SEGMENTES D'ETANCHEIFICATION ET D'ESSAI**
 [72] DULL, KENNETH M., US
 [71] THE BOEING COMPANY, US
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 [30] US (13/925,970) 2013-06-25

[21] 2,851,008
[13] A1

[51] **Int.Cl. E21B 19/06 (2006.01)**
 [25] EN
 [54] **SELF-ALIGNING PIPE GRIPPING ASSEMBLY AND METHOD OF MAKING AND USING THE SAME**
 [54] **ENSEMBLE DE PREHENSION POUR TUYAU A ALIGNEMENT AUTOMATIQUE ET PROCEDE DE FABRICATION ET D'UTILISATION DE CELUI-CI**
 [72] FOX, PRESTON R., US
 [72] WEST, NEIL E., US
 [72] WELLS, LAWRENCE E., US
 [71] NATIONAL OILWELL VARCO, L.P., US
 [22] 2014-05-05
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[13] A1

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[54] **ROTARY INTERNAL COMBUSTION ENGINE WITH PILOT SUBCHAMBER AND IGNITION ELEMENT**

[54] **MOTEUR A COMBUSTION INTERNE ROTATIF AVEC SOUS-CHAMBRE PILOTE ET ELEMENT D-ALLUMAGE**

[72] GAUL, MICHAEL, CA
[72] JULIEN, ANDRE, CA
[72] VILLENEUVE, BRUNO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2014-05-02
[41] 2014-12-05
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[13] A1

[51] **Int.Cl. F16L 55/46 (2006.01) B08B 9/04 (2006.01) B08B 13/00 (2006.01) B25B 33/00 (2006.01) B25J 1/04 (2006.01)**

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[54] **PIPELINE PIG RETRIEVAL TOOL AND METHOD**

[54] **OUTIL ET PROCEDE DE RECUPERATION DE RACLEUR DE PIPELINE**

[72] SONNENBERG, SCOTT, CA
[71] SONNENBERG, SCOTT, CA
[22] 2014-05-08
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[13] A1

[51] **Int.Cl. E21B 33/02 (2006.01) E02D 29/14 (2006.01) E21B 33/068 (2006.01)**

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[54] **DRILLING SHAFT ABUTTING APPARATUS**

[54] **APPAREIL D'ASSEMBLAGE BOUT-A-BOUT DE TIGES DE FORAGE**

[72] ROSS, DAMON B., CA
[72] TUPECHKA, DARCY, CA
[71] ROSS, DAMON B., CA
[71] TUPECHKA, DARCY, CA
[22] 2014-05-09
[41] 2014-12-03
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[51] **Int.Cl. H02B 1/38 (2006.01)**

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[54] **SUPPORT APPARATUS USABLE WITH ELECTRICAL ENCLOSURE**

[54] **APPAREIL DE SUPPORT UTILISABLE AVEC UNE ENCEINTE ELECTRIQUE**

[72] LAGREE, JAMES L., US
[72] TERHORST, BRUCE R., US
[72] HYMEL, JON, US
[71] EATON CORPORATION, US
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[54] **CIRCUIT PROTECTION DEVICE**

[54] **DISPOSITIF DE PROTECTION DE CIRCUIT**

[72] MOSELAN, JERRY L., US
[72] DE PALMA, JEAN-FRANCOIS, US
[72] RADZIM, MARK A., US
[71] MERSEN USA NEWBURYPORT-MA, LLC, US
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[30] US (13/910,600) 2013-06-05

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[54] **A PORTABLE LIQUID TRANSLOADER**

[54] **TRANSBORDEUR DE LIQUIDES PORTATIF**

[72] KENAN, MICHAEL, US
[72] COOK, ANTHONY J., US
[72] PARRIS, DOUGLAS S., US
[71] SAM CARBIS ASSET MANAGEMENT, LLC, US
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[54] **LAMINATION CYLINDER**

[54] **CYLINDRE DE LAMINAGE**

[72] BOSELLI, GIOVANNI, IT
[72] CAVALLARI, MASSIMO, IT
[72] GABOARDI, PAOLO, IT
[72] MCWHIRTER, RICK, AU
[72] PERASSOLO, MASSIMO, IT
[72] TREVISAN, CLAUDIO, IT
[71] TENOVA S.P.A., IT
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[21] **2,851,918**
[13] A1

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[54] **LOOKDOWN ENABLE/DISABLE FOR DETECTORS**

[54] **ACTIVATION/DESACTIVATION VERS LE BAS POUR DETECTEURS**

[72] XU, GUOBIN, US
[71] HONEYWELL INTERNATIONAL INC., US
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[41] 2014-11-30
[30] US (13/906,851) 2013-05-31

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[13] A1

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[25] EN

[54] **COMBINED-BRANCHED-FERRITE ELEMENT WITH INTERCONNECTED RESONANT SECTIONS FOR USE IN A MULTI-JUNCTION WAVEGUIDE CIRCULATOR**

[54] **ELEMENT DE FERRITE RAMIFIE COMBINE A SECTIONS RESONNANTES**

INTERCONNECTEES POUR UTILISATION DANS UN CIRCULATEUR A GUIDE D-ONDES MULTIJONCTION

[72] KROENING, ADAM M., US
[71] HONEYWELL INTERNATIONAL INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR SYNCHRONIZING GEOGRAPHIC INFORMATION SYSTEM (GIS) NETWORK MODELS**
[54] **SYSTEMES ET PROCESSES POUR SYNCHRONISER DES MODELES DE RESEAU DE SYSTEME D'INFORMATIONS GEOGRAPHIQUES**
[72] STANISLAWSKI, MICHAEL, GB
[72] CARBALLAR, ENRIQUE CANO, GB
[72] HILL, LEE, GB
[72] SIMONS, GLENDA PAULETTE, GB
[71] GENERAL ELECTRIC COMPANY, US
[22] 2014-05-15
[41] 2014-12-03
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[21] **2,851,943**
[13] A1

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[54] **MACHINE AND METHOD FOR SECONDARY PACKAGING OF ARTICLES**
[54] **MACHINE ET PROCEDE POUR EMBALLAGE SECONDAIRE D'ARTICLES**
[72] BELLANTE, DANIELE, IT
[71] CAMA1 S.P.A., IT
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[13] A1

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[54] **POWER SYSTEM STABILIZATION**
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[72] CHAUDHURI, NILANJAN RAY, US
[71] GENERAL ELECTRIC COMPANY, US
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[13] A1

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[25] EN
[54] **ELECTRICAL INSULATION SYSTEM**
[54] **SYSTEME D'ISOLATION ELECTRIQUE**
[72] YIN, WEIJUN, US
[72] ZHANG, LILI, US
[72] DURANTAY, LIONEL, US
[72] GRIGNARD, JEAN FRANCOIS, US
[71] GE ENERGY POWER CONVERSION TECHNOLOGY LIMITED, GB
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[41] 2014-11-30
[30] US (13/907,102) 2013-05-31

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[13] A1

[51] **Int.Cl. G01N 1/40 (2006.01) A61B 5/00 (2006.01) G01N 33/48 (2006.01)**
[25] EN
[54] **DETECTION DEVICE FOR THE IN VIVO AND/OR IN VITRO ENRICHMENT OF SAMPLE MATERIAL**
[54] **DISPOSITIF DE DETECTION POUR L'ENRICHISSEMENT IN VIVO OU IN VITRO D'UN MATERIAU ECHANTILLON**
[72] LUCKE, KLAUS, DE
[72] NIESTROJ, ROBERT, DE
[72] BOLLMANN, ANDREAS, DE
[71] GILUPI GMBH, DE
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[41] 2014-11-30
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[21] **2,852,072**
[13] A1

[51] **Int.Cl. B27K 3/34 (2006.01)**
[25] EN
[54] **WATER-RESISTANT SURFACE TREATMENT FOR WOOD PRODUCTS**
[54] **TRAITEMENT SURFACIQUE RESISTANT A L'EAU POUR PRODUITS DE BOIS**
[72] PARKER, ERIK M., US
[72] WINTEROWD, JACK G., US
[71] WEYERHAEUSER NR COMPANY, US
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[41] 2014-11-30
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[21] **2,852,092**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/285 (2006.01)**
[25] EN
[54] **ADAPTER LOAD BUTTON DECOUPLED FROM LOADING UNIT SENSOR**
[54] **BOUTON DE CHARGE D'ADAPTEUR DECOUPLE D'UN CAPTEUR A UNITE DE CHARGEMENT**
[72] ZERGIEBEL, EARL M., US
[72] PRIBANIC, RUSSELL, US
[72] CHOWANIEC, DAVID, US
[72] WILLIAMS, RYAN V., US
[72] SAPIENZA, JONATHAN W., US
[71] COVIDIEN LP, US
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[30] US (61/828,726) 2013-05-30
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[13] A1

[51] **Int.Cl. B65D 5/18 (2006.01)**
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[54] **QUICK LOCK FLAPS FOR PAPERBOARD PACKAGING**
[54] **RABATS A VERROUILLAGE RAPIDE POUR EMBALLAGE EN CARTON**
[72] HIRSH, LISA, US
[71] ACCURATE BOX COMPANY, INC., US
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[41] 2014-11-30
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[21] 2,852,100
[13] A1

[51] **Int.Cl. B60K 35/00 (2006.01) B64D 47/00 (2006.01) G06F 3/041 (2006.01) H04N 5/74 (2006.01)**

[25] EN

[54] **AIRCRAFT INSTRUMENT CURSOR CONTROL USING MULTI-TOUCH DEEP SENSORS**

[54] **COMMANDE DE CURSEUR D'INSTRUMENT D'AERONEF UTILISANT DES CAPTEURS DE PROFONDEUR MULTI-TOUCHES**

[72] COLMENARES, SIMON OCTAVIO, US

[72] WISCHMEYER, ED, US

[71] GULFSTREAM AEROSPACE CORPORATION, US

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[54] **LONGITUDINAL SUBSTRATE AND WIPER FOR MOTOR VEHICLE**

[54] **SUBSTRAT LONGITUDINAL ET ESSUIE-GLACE POUR VEHICULE A MOTEUR**

[72] GRASSO, GIUSEPPE, FR

[72] SCHAEUBLE, MICHAEL, DE

[71] VALEO SYSTEMES D'ESSUYAGE, FR

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[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/24 (2006.01)**

[25] EN

[54] **COMPOSITE HOUSING WITH A METALLIC FIXING FLANGE FOR THE COMPRESSOR OF AN AXIAL TURBOMACHINE**

[54] **BOITIER COMPOSITE AVEC BANDE DE FIXATION METALLIQUE POUR LE COMPRESSEUR D'UNE TURBOMACHINE AXIALE**

[72] DERCLAYE, ALAIN, BE

[71] TECHSPACE AERO S.A., BE

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[51] **Int.Cl. F15D 1/12 (2006.01) B62D 35/00 (2006.01) B64C 21/06 (2006.01)**

[25] EN

[54] **APPARATUS AND METHODS FOR EXTENDED HYBRID LAMINAR FLOW CONTROL**

[54] **APPAREIL ET PROCEDES POUR REGULATION DE FLUX LAMINAIRE HYBRIDE ALLONGE**

[72] RUPP, PETER L., US

[72] PARIKH, PRADIP G., US

[72] NG, LIAN L., US

[72] VIJGEN, PAUL M., US

[71] THE BOEING COMPANY, US

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[41] 2014-12-04

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[51] **Int.Cl. F02C 9/26 (2006.01) F01D 19/00 (2006.01) G01F 9/00 (2006.01)**

[25] EN

[54] **ENGINE OPERATIONS SUPPORT SYSTEMS AND METHODS FOR REDUCING FUEL FLOW**

[54] **SYSTEMES DE SUPPORT DE FONCTIONNEMENT DE MOTEUR ET PROCEDES POUR REDUIRE LE DEBIT DE CARBURANT**

[72] MOECKLY, KEVIN, US

[72] LING, RICHARD, US

[71] HONEYWELL INTERNATIONAL INC., US

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[41] 2014-12-06

[30] US (13/911,779) 2013-06-06

[21] 2,852,304
[13] A1

[51] **Int.Cl. D06F 39/02 (2006.01)**

[25] EN

[54] **AUTOMATIC DISPENSER FOR DETERGENT AND CHLORINE ADDITIVES**

[54] **DISTRIBUTEUR AUTOMATIQUE DE DETERGENT ET DE CHLORE**

[72] MARTINEZ VILLARREAL, LUIS ALBERTO, MX

[71] MABE, S.A. DE C.V., MX

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[51] **Int.Cl. A47B 83/04 (2006.01) A47B 13/08 (2006.01) A47B 63/00 (2006.01)**

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[54] **TABLE MOUNTED STORAGE CABINETS**

[54] **ARMOIRES DE RANGEMENT FIXEES A UNE TABLE**

[72] PARSHAD, DAVID, CA

[71] INScape CORPORATION, CA

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[13] A1

[51] **Int.Cl. H04N 21/81 (2011.01) H04N 21/85 (2011.01) G06F 19/00 (2011.01) G06T 1/00 (2006.01) H04N 21/2343 (2011.01)**

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[54] **FACILITATING GENERATION AND PRESENTATION OF SOUND IMAGES**

[54] **FACILITATION DE LA GENERATION ET DE LA PRESENTATION D'IMAGES SONORES**

[72] BRIDGES, KEVIN J., US

[72] RICHARD, SARAH ELIZABETH, US

[71] HALLMARK CARDS, INCORPORATED, US

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[41] 2014-12-06

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[13] A1

[51] **Int.Cl. A61M 3/02 (2006.01) A61M 27/00 (2006.01)**

[25] EN

[54] **MEDICAL SPRAYING DEVICE WITH PRESSURE RELIEF VALVE, AND METHOD FOR PRODUCING A SPRAY CONE**

[54] **DISPOSITIF DE VAPORISATION MEDICALE AVEC SOUPAPE DE SURPRESSION ET PROCEDE DE PRODUCTION D'UN CONE DE PULVERISATION**

[72] VOGT, SEBASTIAN, DE

[71] HERAEUS MEDICAL GMBH, DE

[22] 2014-05-20

[41] 2014-12-06

[30] DE (10 2013 210 511.8) 2013-06-06

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[13] A1

[51] **Int.Cl. A61M 11/02 (2006.01) A61H 33/00 (2006.01) A61M 3/02 (2006.01) A61M 35/00 (2006.01)**

[25] EN

[54] **MEDICAL SPRAYING DEVICE WITH NOZZLE, AND METHOD FOR PRODUCING A SPRAY CONE**

[54] **DISPOSITIF DE VAPORISATION MEDICALE AVEC BUSE ET PROCEDE DE PRODUCTION D'UN CONE DE PULVERISATION**

[72] VOGT, SEBASTIAN, DE

[71] HERAEUS MEDICAL GMBH, DE

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[41] 2014-12-06

[30] DE (10 2013 210 539.8) 2013-06-06

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[13] A1

[51] **Int.Cl. G08G 1/017 (2006.01)**

[25] EN

[54] **METHODS AND SYSTEMS FOR SELECTING TARGET VEHICLES FOR OCCUPANCY DETECTION**

[54] **PROCEDES ET SYSTEMES POUR SELECTIONNER DES VEHICULES CIBLES POUR LA DETECTION D'OCCUPANTS**

[72] BURRY, AARON MICHAEL, US

[72] PAUL, PETER, US

[71] XEROX CORPORATION, US

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[21] **2,852,408**
[13] A1

[51] **Int.Cl. G03G 9/093 (2006.01) G03G 9/097 (2006.01)**

[25] EN

[54] **CORE/SHELL CHARGE CONTROL LATEX FOR EA PARTICLES**

[54] **LATEX DE CONTROLE DE CHARGE NOYAU/COQUILLE POUR PARTICULES OBTENUES PAR AGREGATION PAR EMULSION (AE)**

[72] BAYLEY, ROBERT D., US

[72] SWEENEY, MAURA A., US

[72] KMIĘCIK-LAWRYNOWICZ, GRAZYNA E., US

[72] QIU, SHIGANG STEVEN, US

[72] NG, TIE HWEE, US

[71] XEROX CORPORATION, US

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[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01) B23K 9/12 (2006.01) B23K 9/24 (2006.01)**

[25] EN

[54] **METHOD FOR GAS METAL ARC WELDING**

[54] **PROCEDE DE SOUDAGE A L'ARC SOUS GAZ AVEC FIL PLEIN**

[72] SIEWERT, ERWAN, DE

[71] LINDE AKTIENGESELLSCHAFT, DE

[22] 2014-05-26

[41] 2014-12-04

[30] DE (102013009350.3) 2013-06-04

[30] DE (102013018065.1) 2013-11-28

[21] **2,852,416**
[13] A1

[51] **Int.Cl. B65B 11/02 (2006.01)**

[25] EN

[54] **A THIN PALLET WRAPPING PLATFORM**

[54] **PLATEFORME D'EMBALLAGE DE PALETTES MINCES**

[72] CASADEI, CLAUDIO, IT

[71] C&C GROUP S.R.L., IT

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[41] 2014-11-30

[30] IT (RN2013A000020) 2013-05-31

[21] **2,852,422**
[13] A1

[51] **Int.Cl. B25J 9/16 (2006.01) B05B 3/00 (2006.01) B05B 15/08 (2006.01)**

[25] FR

[54] **CONTROL PROCESS IN A ROBOTIC SYSTEM FOR COATING A PART BY SPRAYING A MATERIAL**

[54] **PROCEDE DE COMMANDE D'UN SYSTEME ROBOTISE POUR LE REVETEMENT D'UNE PIECE PAR PROJECTION D'UN MATERIAU**

[72] CHEBROUX, CHRISTOPHE, FR

[71] MESSIER-BUGATTI-DOWTY, FR

[22] 2014-05-27

[41] 2014-12-03

[30] FR (13 55075) 2013-06-03

[21] **2,852,429**
[13] A1

[51] **Int.Cl. F23L 13/00 (2006.01) F24H 9/00 (2006.01) F24H 9/18 (2006.01)**

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[54] **LINEAR SLIDE DAMPER SYSTEM**

[54] **SYSTEME D'AMORTISSEMENT A GLISSIERE LINEAIRE**

[72] WEISS, CORY A., US

[72] GUZOREK, STEVEN E., US

[71] FIELD CONTROLS, L.L.C., US

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<p align="right">[21] 2,852,478 [13] A1</p> <p>[51] Int.Cl. C09D 11/50 (2014.01) C09D 11/037 (2014.01) C09D 11/101 (2014.01) B41J 2/435 (2006.01) B41J 2/525 (2006.01) B41J 3/54 (2006.01) B41M 1/14 (2006.01) C09D 5/36 (2006.01)</p> <p>[25] EN</p> <p>[54] SYSTEMS AND METHODS FOR DELIVERING AQUEOUS PEARLESCENT DIGITAL PRINTING INK COMPOSITIONS USING DIGITAL OFFSET LITHOGRAPHIC PRINTING TECHNIQUES</p> <p>[54] SYSTEMES ET PROCEDES DE FOURNITURE DE COMPOSITIONS D'ENCRE D'IMPRESSION NUMERIQUE PERLESCENTE AQUEUSE UTILISANT DES TECHNIQUES D'IMPRESSION LITHOGRAPHIQUE OFFSET NUMERIQUES</p> <p>[72] MAYO, JAMES D., US [72] LEE, FRANK PING-HAY, US [72] MAGDALINIS, AURELIAN VALERIU, US [72] BRETON, MARCEL., US [72] ELIYAHU, JENNY, US [72] MOORLAG, CAROLYN, US [71] XEROX CORPORATION, US [22] 2014-05-21 [41] 2014-11-30 [30] US (13/907836) 2013-05-31</p>	<p align="right">[21] 2,852,539 [13] A1</p> <p>[51] Int.Cl. B01D 53/26 (2006.01)</p> <p>[25] EN</p> <p>[54] A WATER ADSORPTION DEVICE</p> <p>[54] DISPOSITIF D'ABSORPTION D'EAU</p> <p>[72] DAHLBACK, PER, SE [72] EDSTROM, FREDRIK, SE [72] WAMSTAD, JONAS, SE [71] AIRWATERGREEN AB, SE [22] 2014-05-29 [41] 2014-11-30 [30] SE (1350670-4) 2013-05-31</p> <hr/> <p align="right">[21] 2,852,544 [13] A1</p> <p>[51] Int.Cl. B29C 70/30 (2006.01) B65H 49/18 (2006.01) B65H 57/14 (2006.01) F03D 1/06 (2006.01)</p> <p>[25] EN</p> <p>[54] A METHOD FOR LAYING A FIBRE MATERIAL ON A MOULD SURFACE</p> <p>[54] PROCEDE DE DEPOSE D'UNE MATIERE FIBREUSE SUR UNE SURFACE DE MOULE</p> <p>[72] MADSEN, KRISTIAN LEHMANN, DK [72] MADSEN, STEEN, DK [71] SIEMENS AKTIENGESSELLSCHAFT, DE [22] 2014-05-29 [41] 2014-11-30 [30] EP (13170098.1) 2013-05-31</p>	<p align="right">[21] 2,852,573 [13] A1</p> <p>[51] Int.Cl. G05D 13/62 (2006.01) B64C 13/00 (2006.01) B64C 13/16 (2006.01) B64D 43/02 (2006.01)</p> <p>[25] EN</p> <p>[54] METHOD AND SYSTEM FOR AIRCRAFT SPEED CONTROL</p> <p>[54] PROCEDE ET SYSTEME POUR COMMANDE DE VITESSE D'AERONEF</p> <p>[72] D'ALTO, LUIS PEDRO, ES [71] THE BOEING COMPANY, US [22] 2014-05-16 [41] 2014-12-06 [30] EP (13382217.1) 2013-06-06</p> <hr/> <p align="right">[21] 2,852,584 [13] A1</p> <p>[51] Int.Cl. B01D 39/14 (2006.01) D04H 1/54 (2012.01)</p> <p>[25] EN</p> <p>[54] SILVER-COATED FABRIC FOR FILTER MEMBRANE INTEGRATION</p> <p>[54] TISSU RECOUVERT D'ARGENT POUR INTEGRATION MEMBRANAIRE DE FILTRATION</p> <p>[72] HU, JIN, US [71] GOODRICH CORPORATION, US [22] 2014-05-23 [41] 2014-11-30 [30] US (13/907,264) 2013-05-31</p>
<p align="right">[21] 2,852,508 [13] A1</p> <p>[51] Int.Cl. A61M 3/02 (2006.01)</p> <p>[25] EN</p> <p>[54] MEDICAL SPRAYING DEVICE WITH PRESSURE REDUCTION VALVE, AND METHOD FOR PRODUCING A SPRAY CONE</p> <p>[54] DISPOSITIF DE VAPORISATION MEDICALE A SOUPAPE DE REDUCTION DE PRESSION ET PROCEDE POUR PRODUIRE UN CONE DE PULVERISATION</p> <p>[72] VOGT, SEBASTIAN, DE [71] HERAEUS MEDICAL GMBH, DE [22] 2014-05-20 [41] 2014-12-06 [30] DE (10 2013 210 519.3) 2013-06-06</p>	<p align="right">[21] 2,852,572 [13] A1</p> <p>[51] Int.Cl. H04W 12/00 (2009.01) H04W 4/00 (2009.01) G06F 21/57 (2013.01)</p> <p>[25] EN</p> <p>[54] CONTEXT-AWARE RISK MEASUREMENT MOBILE DEVICE MANAGEMENT SYSTEM</p> <p>[54] SYSTEME DE GESTION DE DISPOSITIF MOBILE A MESURE DE RISQUE SENSIBLE AU CONTEXTE</p> <p>[72] LAM, WING YOUNG, CA [72] YUEN, CHUN FUNG, CA [72] SEGAL, RICHARD, CA [71] FLXMO, INC., CA [22] 2014-05-28 [41] 2014-11-30 [30] US (13/906,893) 2013-05-31</p>	<p align="right">[21] 2,852,704 [13] A1</p> <p>[51] Int.Cl. B01D 61/14 (2006.01) C13B 20/16 (2011.01)</p> <p>[25] EN</p> <p>[54] HYPER CONCENTRATOR FOR MAPLE SAP</p> <p>[54] HYPER CONCENTRATEUR POUR SEVE D'ERABLE</p> <p>[72] COTE, DENIS, CA [71] MEMPROTEC INC., CA [22] 2014-05-30 [41] 2014-11-30 [30] GB (1309813.2) 2013-05-31</p>

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[21] **2,852,725**
 [13] A1

[51] **Int.Cl. E04H 17/14 (2006.01) E04H 17/26 (2006.01) F16B 9/00 (2006.01) F16B 12/02 (2006.01)**

[25] EN

[54] **FENCING BRACKET SYSTEM**

[54] **SYSTEME DE SUPPORT DE CLOTURE**

[72] RUSSO, DANIEL, US

[71] BARRETTE OUTDOOR LIVING, INC., US

[22] 2014-05-30

[41] 2014-11-30

[30] US (13/906,815) 2013-05-31

[21] **2,852,731**
 [13] A1

[51] **Int.Cl. H04Q 1/02 (2006.01) E05B 65/00 (2006.01) E05B 65/52 (2006.01) G02B 6/46 (2006.01) H02B 1/44 (2006.01)**

[25] EN

[54] **HIGH SECURITY LOCKING ASSEMBLY FOR ABOVE-GROUND FIBER OPTIC/CABLE NETWORK ENCLOSURES**

[54] **ENSEMBLE DE VERROUILLAGE A HAUTE SECURITE POUR ENCEINTES DE RESEAU DE CABLE/FIBRE OPTIQUE HORS SOL**

[72] RICKMAN, GENE E., US

[71] CHANNELL COMMERCIAL CORP., US

[22] 2014-05-27

[41] 2014-12-05

[30] US (13/910,933) 2013-06-05

[21] **2,852,739**
 [13] A1

[51] **Int.Cl. G01S 5/06 (2006.01)**

[25] EN

[54] **406 MHZ RECEIVER MEASURING TOA AND FOA FOR USE IN DETERMINING THE POSITION OF AN EMERGENCY BEACON**

[54] **RECEPTEUR DE 406 MHZ MESURANT LE TEMPS DE RETOUR ET LA FREQUENCE D'ARRIVEE POUR UTILISATION DANS LA DETERMINATION DE LA POSITION D'UNE BALISE D'URGENCE**

[72] HOLMES, KEVIN C., CA

[72] STREET, WILLIAM A., CA

[71] WS TECHNOLOGIES INC., CA

[22] 2014-05-30

[41] 2014-11-30

[30] US (61/829,425) 2013-05-31

[21] **2,852,782**
 [13] A1

[51] **Int.Cl. E04G 27/00 (2006.01) B60P 1/43 (2006.01) B65G 69/30 (2006.01) E04F 11/00 (2006.01)**

[25] EN

[54] **ONE-PIECE RAMP**

[54] **RAMPE MONOBLOC**

[72] BERNART, FRANCIS, US

[71] CEQUENT CONSUMER PRODUCTS, INC., US

[22] 2014-05-30

[41] 2014-11-30

[30] US (61/829,424) 2013-05-31

[21] **2,852,818**
 [13] A1

[51] **Int.Cl. F25B 47/02 (2006.01)**

[25] EN

[54] **GAS DEFROSTING SYSTEM FOR REFRIGERATION UNITS USING FLUID COOLED CONDENSERS**

[54] **SYSTEME DE DEGIVRAGE AU GAZ POUR UNITES DE REFRIGERATION UTILISANT DES CONDENSATEURS REFROIDIS PAR LIQUIDE**

[72] BOYKO, JAMES, US

[71] HILL PHOENIX, INC., US

[22] 2014-05-29

[41] 2014-12-05

[30] US (13/910,878) 2013-06-05

[21] **2,852,832**
 [13] A1

[51] **Int.Cl. H03K 3/84 (2006.01) G06F 7/58 (2006.01) H03B 29/00 (2006.01)**

[25] EN

[54] **METHOD AND SYSTEM FOR GENERATING RANDOM NUMBERS**

[54] **PROCEDE ET SYSTEME POUR GENERER DES NUMEROS ALEATOIRES**

[72] CARON, RICHARD, CA

[72] LEE, MICHAEL, CA

[71] UNIVERSITY OF WINDSOR, CA

[22] 2014-05-29

[41] 2014-12-03

[30] US (61/830361) 2013-06-03

[21] **2,852,837**
 [13] A1

[51] **Int.Cl. B23Q 5/22 (2006.01)**

[25] EN

[54] **FEED UNIT FOR AN AUTOMATIC SAW CUTTING MACHINE FOR CUTTING TUBES IN DOUBLE-TUBE CUTTING MODE**

[54] **UNITE D'ALIMENTATION POUR UNE MACHINE DE DECOUPE A SCIE CIRCULAIRE AUTOMATIQUE POUR COUPER DES TUBES EN MODE DE COUPE A DOUBLE TUBE**

[72] CASAGRANDA, MARCO, IT

[72] TRENTIN, EDOARDO, IT

[71] ADIGE S.P.A., IT

[22] 2014-05-30

[41] 2014-12-06

[30] IT (TO2013A000468) 2013-06-06

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<p align="center">[21] 2,852,863 [13] A1</p> <p>[51] Int.Cl. C08G 65/333 (2006.01) [25] EN [54] SCALE-UP PROCESS OF BIFUNCTIONALIZED TRIBLOCK COPOLYMERS WITH SECONDARY AND TERTIARY AMINES, WITH APPLICATION IN DEWATERING AND DESALTING OF HEAVY CRUDE OILS</p> <p>[54] PROCEDE D'EXTRAPOLATION DE COPOLYMERES TRIBLOCS BIFONCTIONNALISES AVEC AMINES SECONDAIRES ET TERTIAIRES AVEC APPLICATION DANS LA DESHYDRATATION ET LE DESSALEMENT DU PETROLE BRUT LOURD</p> <p>[72] FLORES SANDOVAL, CESAR ANDRES, MX [72] FLORES OROPEZA, EUGENIO ALEJANDRO, MX [72] LOPEZ ORTEGA, ALFONSO, MX [72] HERNANDEZ CORTEZ, JOSE GONZALO, MX [72] ESTRADA BUENDIA, ARISTEO, MX [72] CASTRO SOTELO, LAURA VERONICA, MX [72] REYES MARTINEZ, REYNA, MX [72] ALVAREZ RAMIREZ, FERNANDO, MX [72] ESTRADA MARTINEZ, ARQUIMEDES, MX [72] VAZQUEZ MORENO, FLAVIO SALVADOR, MX [71] INSTITUTO MEXICANO DEL PETROLEO, MX [22] 2014-05-30 [41] 2014-12-05 [30] MX (MX/A/2013/006307) 2013-06-05</p>	<p align="center">[21] 2,852,865 [13] A1</p> <p>[51] Int.Cl. C10G 33/04 (2006.01) [25] EN [54] PROCESS FOR DEMULSIFICATION OF CRUDE OIL IN WATER EMULSIONS BY MEANS OF NATURAL OR SYNTHETIC AMINO ACID-BASED DEMULSIFIERS</p> <p>[54] PROCEDE DE RUPTURE D'EMULSION DE PETROLE BRUT DANS DES EMULSIONS D'EAU AU MOYEN DE DESEMULSIONNEURS A BASE D'ACIDES AMINES NATURELS OU SYNTHETIQUES</p> <p>[72] REYES AVILA, ROMEO JESUS, MX [72] MARTINEZ PALOU, RAFAEL, MX [72] CERON CAMACHO, RICARDO, MX [72] VALLEJO CORONA, ALBA ADRIANA, MX [72] RODRIGUEZ DOMINGUEZ, RAFAEL, MX [72] CHAVEZ GOMEZ, BENJAMIN, MX [72] ABURTO ANELL, JORGE ARTURO, MX [71] INSTITUTO MEXICANO DEL PETROLEO, MX [22] 2014-05-30 [41] 2014-12-05 [30] MX (MX/A/2013/006306) 2013-06-05</p> <hr/> <p align="center">[21] 2,852,895 [13] A1</p> <p>[51] Int.Cl. E04F 15/024 (2006.01) E04F 15/02 (2006.01) E04F 15/18 (2006.01) E04F 15/22 (2006.01) [25] EN [54] PORTABLE DANCE FLOOR PANEL WITH FLOATING MAGNET RETENTION SYSTEM</p> <p>[54] PANNEAU DE PLANCHER DE DANSE PORTATIF AVEC SYSTEME DE RETENUE D-AIMANTS FLOTTANTS</p> <p>[72] BOWERS, BRIAN, US [72] HEATH, MITCHELL, US [71] MITY-LITE, INC., US [22] 2014-05-30 [41] 2014-12-03 [30] US (13/908,852) 2013-06-03</p>	<p align="center">[21] 2,852,909 [13] A1</p> <p>[51] Int.Cl. B04B 5/12 (2006.01) B01D 21/00 (2006.01) [25] EN [54] A CENTRIFUGE [54] CENTRIFUGEUSE [72] STONE, LYNDON RAY, US [71] NATIONAL OILWELL VARCO, L.P., US [22] 2014-05-20 [41] 2014-11-30 [30] GB (13 096 52.4) 2013-05-30</p> <hr/> <p align="center">[21] 2,852,920 [13] A1</p> <p>[51] Int.Cl. G07F 17/32 (2006.01) G06Q 30/06 (2012.01) G06Q 50/34 (2012.01) [25] EN [54] SYSTEM AND METHOD FOR PLACING BETS AND/OR LOTTERY WAGERS</p> <p>[54] SYSTEME ET PROCEDE DE MISE EN JEU DE MISES ET DE PARIS DE LOTERIE</p> <p>[72] ORDISH, SIMON, GB [72] FREEMAN, STUART, GB [72] VELICKY, MARTIN, GB [72] BLYAU, PASCAL, FR [71] LAVEROCK VON SCHOULTZ LIMITED, GB [22] 2014-05-28 [41] 2014-11-30 [30] EP (13 305 762.5) 2013-05-31</p> <hr/> <p align="center">[21] 2,852,961 [13] A1</p> <p>[51] Int.Cl. C12M 1/36 (2006.01) B01J 19/24 (2006.01) B01L 1/00 (2006.01) [25] EN [54] INCUBATION CHAMBER [54] CHAMBRE D'INCUBATION [72] BARKA, GUNES, DE [72] BAUMLISBERGER, DOMINIC, DE [71] SUNCHROM GMBH, DE [22] 2014-05-30 [41] 2014-11-30 [30] DE (10 2013 009 136.5) 2013-05-31</p>
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[21] **2,852,976**
[13] A1

[51] **Int.Cl. A47J 37/06 (2006.01)**
[25] EN
[54] **TABLETOP GRILL**
[72] GUCKENBERGER, MATTHEW
ARTHUR CHRISTIAN, US
[72] KINNEY, KEVIN BRUCE, US
[72] SMITH, JACOB DANIEL, US
[72] CAVALCANTI, VICTOR TENORIO,
US
[72] MARSCHKE, KARL WARNER, US
[72] EVERETT, DAVID WILLIAM, US
[72] SAWYER, BYRON SETH, US
[72] SORENSON, NICOLE ANN, US
[72] VAN ASTEN, ROCKY MARVIN, US
[71] SPECTRUM BRANDS, INC., US
[22] 2014-05-30
[41] 2014-11-30
[30] US (61/829,844) 2013-05-31
[30] US (61/834,331) 2013-06-12
[30] US (61/896,404) 2013-10-28

[21] **2,852,988**
[13] A1

[51] **Int.Cl. E03C 1/18 (2006.01) A47K
1/00 (2006.01)**
[25] EN
[54] **SINK CONTAINER ASSEMBLY**
[54] **ENSEMBLE CONTENANT POUR
EVIER**
[72] TOLLASEPP, TONIS, CA
[72] NIP, JASON, CA
[71] TOLLASEPP, TONIS, CA
[22] 2014-05-29
[41] 2014-11-30
[30] US (13/907,312) 2013-05-31

[21] **2,853,005**
[13] A1

[51] **Int.Cl. A47H 1/022 (2006.01) A47H
1/142 (2006.01) A47K 3/38 (2006.01)**
[25] EN
[54] **ADJUSTABLE TENSION-
MOUNTED CURVED ROD
ASSEMBLY**
[54] **ENSEMBLE DE TIGES
INCURVEES MONTEES SOUS
TENSION REGLABLES**
[72] DIDEHVAR, KAVEH, US
[72] WEBB, JOSEPH, US
[72] MIKITA, ALEX, US
[71] ZENITH PRODUCTS
CORPORATION, US
[22] 2014-06-02
[41] 2014-12-06
[30] US (13/911,191) 2013-06-06

[21] **2,853,010**
[13] A1

[51] **Int.Cl. F21V 21/03 (2006.01) F21V
17/14 (2006.01)**
[25] EN
[54] **LED RETROFIT REMOVABLE
TRIMS AND LED RECESSED
LIGHT KIT WITH REMOVABLE
TRIM**
[54] **GARNITURES AMOVIBLES DE
DEL INSTALLEES EN
RATTRAPAGE ET NECESSAIRE
DE LUMINAIRE ENCASTRE A
DEL AVEC GARNITURE
AMOVIBLE**
[72] SANTIAGO, DWIGHT D., US
[72] HAUBACH, TIMOTHY J., US
[71] EVOLUTION LIGHTING, LLC, US
[22] 2014-06-02
[41] 2014-11-30
[30] US (61/829,694) 2013-05-31
[30] US (14/293,210) 2014-06-02

[21] **2,853,030**
[13] A1

[51] **Int.Cl. G06F 17/50 (2006.01) G06T
19/00 (2011.01) G06F 17/10 (2006.01)**
[25] EN
[54] **SIMULATION OF AN ASSEMBLY
OF FABRIC PIECES**
[54] **SIMULATION D'UN
ASSEMBLAGE DE PIECES DE
TISSU**
[72] BELMANS, PHILIPPE ROBERT
FELIX, FR
[72] BOULKENAFED, MALIKA, FR
[71] DASSAULT SYSTEMES, FR
[22] 2014-05-30
[41] 2014-11-30
[30] EP (13305711.7) 2013-05-30

[21] **2,853,048**
[13] A1

[51] **Int.Cl. A63B 71/08 (2006.01) A61C
5/14 (2006.01) A61C 7/08 (2006.01)**
[25] EN
[54] **AN ORAL APPLIANCE FOR
PROTECTING THE TEETH OF A
USER**
[54] **APPAREIL BUCCAL POUR LA
PROTECTION DES DENTS D'UN
UTILISATEUR**
[72] FARRELL, CHRISTOPHER JOHN,
AU
[71] FARRELL, CHRISTOPHER JOHN,
AU
[22] 2014-05-28
[41] 2014-11-30
[30] AU (2013901935) 2013-05-30

[21] **2,853,080**
[13] A1

[51] **Int.Cl. F01L 1/46 (2006.01) F01L
1/053 (2006.01)**
[25] EN
[54] **VALVE GUIDE INSERT WITH
FRICTIONAL PRE-BROACH
RETENTION FEATURE**
[54] **PIECE RAPPORTEE DE GUIDE DE
SOUPAPE AVEC
CARACTERISTIQUE DE
RETENUE DE PRE-BROCHAGE
FRICTIONNEL**
[72] KNOWLES, THOMAS II, US
[72] KAMPHUIS, DWAIN, US
[71] K-LINE INDUSTRIES, INC., US
[22] 2014-05-30
[41] 2014-12-06
[30] US (61/831,794) 2013-06-06
[30] US (14/278,618) 2014-05-15

[21] **2,853,082**
[13] A1

[51] **Int.Cl. H01R 25/16 (2006.01) H01R
4/70 (2006.01) H01R 31/02 (2006.01)
H02G 3/00 (2006.01)**
[25] EN
[54] **LOW VOLTAGE POWER
RECEPTACLE FOR MODULAR
ELECTRICAL SYSTEMS**
[54] **PRISE D'ALIMENTATION A
FAIBLE TENSION POUR
SYSTEMES ELECTRIQUES
MODULAIRES**
[72] BYRNE, NORMAN R., US
[72] PATE, RANDELL E., US
[72] BURDI, ROGER D., US
[71] BYRNE, NORMAN R., US
[22] 2014-05-29
[41] 2014-11-30
[30] US (61/829811) 2013-05-31

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[21] **2,853,086**
[13] A1

[51] **Int.Cl. G01N 27/416 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **HAND-HELD TEST METER WITH TIME-MULTIPLEXED PHASE DETECTION**
[54] **APPAREIL DE MESURE D'ESSAI PORTABLE AVEC DETECTION DE PHASE MULTIPLEXE DANS LE TEMPS**
[72] ELDER, DAVID, GB
[72] MASSARI, ROSSANO, IT
[71] LIFESCAN SCOTLAND LIMITED, GB
[22] 2014-06-02
[41] 2014-12-04
[30] US (13/909,970) 2013-06-04

[21] **2,853,108**
[13] A1

[51] **Int.Cl. G01V 1/50 (2006.01) G01V 1/40 (2006.01)**
[25] EN
[54] **METHODS OF AND APPARATUS FOR IMPROVING LOG DATA**
[54] **PROCEDES ET APPAREILS POUR AMELIORER LES DONNEES DIAGRAPHIQUES**
[72] ELKINGTON, PETER ADRIAN SPENCER, GB
[72] ASSOUS, SAID, GB
[72] LINNETT, LAURENCE, GB
[71] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
[22] 2014-06-02
[41] 2014-12-05
[30] GB (1310044.1) 2013-06-05

[21] **2,853,110**
[13] A1

[51] **Int.Cl. G06Q 30/02 (2012.01) H04W 4/04 (2009.01)**
[25] EN
[54] **CROSS-CHANNEL PERSONALIZED PROMOTION PLATFORM**
[54] **PLATEFORME DE PROMOTION PERSONNALISEE INTER CANAUX**
[72] BAGHAIE, MARJAN, US
[72] DEMPSKI, KELLY L., US
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2014-05-30
[41] 2014-11-30
[30] US (61/829,876) 2013-05-31

[21] **2,853,111**
[13] A1

[51] **Int.Cl. H04L 12/16 (2006.01) A63F 13/30 (2014.01) A63F 13/79 (2014.01) G06T 1/00 (2006.01)**
[25] EN
[54] **SOCIAL GAME CONCERNING PHOTOGRAPH MANIPULATION FOR PLAY ACROSS DISTRIBUTED DEVICES**
[54] **JEU SOCIAL CONCERNANT LA MANIPULATION DE PHOTOGRAPHIES A DES FINS DE JEU A L'ECHELLE DE DISPOSITIFS DISTRIBUES**
[72] COHEN, GRAHAME KEITH, GB
[71] COHEN, GRAHAME KEITH, GB
[22] 2014-05-30
[41] 2014-12-03
[30] US (61/830316) 2013-06-03
[30] US (14/290630) 2014-05-29

[21] **2,853,113**
[13] A1

[51] **Int.Cl. H01Q 19/10 (2006.01) H01Q 19/12 (2006.01)**
[25] FR
[54] **PROCEDE DE REALISATION D'UN REFLECTEUR D'ANTENNE A SURFACE FORMEE, REFLECTEUR A SURFACE FORMEE OBTENU PAR CE PROCEDE ET ANTENNE COMPORTANT UN TEL REFLECTEUR**
[72] SCHREIDER, LUDOVIC, FR
[72] LEPELTIER, PHILIPPE, FR
[72] FARO, ISABELLE, FR
[72] DEPEYRE, SERGE, FR
[71] TAISANT, JEAN-PHILIPPE, FR
[71] THALES, FR
[22] 2014-05-30
[41] 2014-11-30
[30] FR (1301239) 2013-05-31

[21] **2,853,143**
[13] A1

[51] **Int.Cl. C04B 28/02 (2006.01) C04B 7/17 (2006.01) C04B 7/24 (2006.01) C04B 7/26 (2006.01) C04B 22/14 (2006.01) C04B 24/04 (2006.01) C04B 24/06 (2006.01) C09K 8/467 (2006.01) E21B 33/13 (2006.01)**
[25] EN
[54] **CEMENT COMPOSITION WITH FLY ASH**
[54] **COMPOSITION CIMENTAIRE AVEC CENDRES VOLANTES**
[72] GETZLAF, DONALD, CA
[72] STROMQUIST, MARTY, CA
[72] NATARAJAN, RAMKUMAR, IN
[71] CEMBLAND SYSTEMS INC., CA
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[54] **JIB ATTACHMENT/DETACHMENT MECHANISM**
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[72] NAKAMURA, MASAFUMI, JP
[72] TAKASHIMA, HIROSHI, JP
[71] TADANO LTD., JP
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[41] 2014-12-03
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[51] **Int.Cl. B65D 25/38 (2006.01)**
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[54] **PORTABLE DRINKING VESSEL WITH BATTERY OPERATED, PUMP ASSISTED STRAW**
[54] **RECIPIENT A BOISSON PORTABLE AVEC PAILLE ASSISTEE PAR POMPE ALIMENTEE PAR PILE**
[72] MADJAR, DAMJAN, CA
[71] MADJAR, DAMJAN, CA
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[54] **PINCES SEPARABLES EN DEUX OUTILS DE SERVICE OU ELEMENTS SIMILAIRES**
[72] AUDET, STEVEN, CA
[71] AUDET, STEVEN, CA
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[30] US (61/830,439) 2013-06-03
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[13] A1

[51] **Int.Cl. G06F 17/50 (2006.01) G06T 19/00 (2011.01)**
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[54] **DESIGNING A 3D MODELED OBJECT WITH 2D VIEWS**
[54] **CONCEPTION D'UN OBJET MODELISE TRIDIMENSIONNEL A VUES BIDIMENSIONNELLES**
[72] RAMEAUX, JEAN-FRANCOIS, FR
[72] FAUCHET, ALAIN, FR
[72] CLOUX, JONATHAN, FR
[71] DASSAULT SYSTEMES, FR
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[13] A1

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[54] **PROCEDE ET SYSTEME POUR PLANIFICATION ET ESTIMATION DE PROJET**
[72] LEPAGE, FRANCOIS, CA
[71] LEPAGE, FRANCOIS, CA
[22] 2014-06-02
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[54] **AUTOMATED ACCOUNTING METHOD**
[54] **METHODE DE COMPTABILISATION AUTOMATIQUE**
[72] LUNAN, ROBERT RUSSELL, CA
[71] LEDGERPAL INC., CA
[22] 2014-06-04
[41] 2014-12-04
[30] US (61/830,727) 2013-06-04

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[54] **DAIRY FARM FLUID LINE TREATMENT**
[54] **TRAITEMENT DE CONDUITE DE FLUIDE DE FERME LAITIERE**
[72] MCLEAN, BRIAN, CA
[72] STRAIN, PETER, CA
[71] 2178450 ONTARIO INC., CA
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[54] **ONLINE SYSTEM AND PORTAL TO FACILITATE REAL ESTATE TRANSACTION**
[54] **SYSTEME ET PORTAIL EN LIGNE POUR FACILITER LES TRANSACTIONS IMMOBILIERES**
[72] KIAMAN, GEORGE, US
[72] KIAMAN, MICHAEL, US
[71] KIAMAN, GEORGE, US
[71] KIAMAN, MICHAEL, US
[22] 2014-06-04
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[30] US (61/831414) 2013-06-05
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[54] **GRIP FOR SMOOTH SURFACES**
[54] **POIGNEE POUR SURFACES LISSES**
[72] LECH, SLAWOMIR, PL
[71] CENTER-PLUS, PL
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[25] EN
[54] **A METHOD FOR SECURELY SHARING A URL**
[54] **PROCEDE POUR PARTAGER UNE URL DE MANIERE SURE**
[72] MATUTE, DIEGO, CA
[71] MATUTE, DIEGO, CA
[22] 2014-06-04
[41] 2014-12-04
[30] US (61/830,805) 2013-06-04

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[13] A1

[51] **Int.Cl. B65D 88/12 (2006.01)**
[25] EN
[54] **SEALABLE TRANSPORT TRAILER CONTAINER WITH HINGING BAFFLES**
[54] **RECIPIENT DE REMORQUE DE TRANSPORT HERMETIQUE AVEC DEFLECTEURS ARTICULES**
[72] MACLEAN, MICHAEL, CA
[72] KLASSEN, HENRY JAMES, CA
[71] OCULUS TRANSPORT LTD., CA
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[41] 2014-12-03
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 [54] **PROCEDE ET COMPOSITION POUR DEPOT DE NICKEL ET DE COBALT AUTOCATALYTIQUE**
 [72] BIBBER, JOHN W., US
 [71] SANCHEM, INC., US
 [22] 2014-06-04
 [41] 2014-12-04
 [30] US (13/909,455) 2013-06-04

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[51] **Int.Cl. B27B 25/08 (2006.01)**
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 [54] **SAFETY FEEDER USABLE WITH DIFFERENT WOODWORKING MACHINES**
 [54] **DISPOSITIF D'ALIMENTATION UTILISABLE AVEC DIFFERENTES MACHINES A TRAVAILLER LE BOIS**
 [72] SUNG, MENG-I, TW
 [71] SUNG, MENG-I, TW
 [22] 2014-06-03
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 [13] A1

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 [25] EN
 [54] **SYSTEMS AND METHODS FOR OVERHEAT DETECTION SYSTEM EVENT LOCATION**
 [54] **SYSTEMES ET PROCEDES POUR LOCALISATION D'EVENEMENT DE SYSTEMES DE DETECTION DE SURCHAUFFE**
 [72] ROGERS, AARON STANLEY, US
 [71] KIDDE TECHNOLOGIES, INC., US
 [22] 2014-06-03
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 [30] US (13/909,706) 2013-06-04

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 [25] EN
 [54] **SINGLE PIPE-TYPE BITUMEN MINING SYSTEM FOR A SIMULTANEOUSLY SUPPLYING HEAT AND PERFORMING BITUMEN EXTRACTION**
 [54] **SYSTEME D'EXPLOITATION DE BITUME DE TYPE A TUYAU UNIQUE POUR FOURNIR DE LA CHALEUR ET EFFECTUER UNE EXTRACTION DE BITUME SIMULTANEMENT**
 [72] PARK, CHAN-HEE, KR
 [72] LEE, HYUN SUK, KR
 [71] KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES, KR
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 [54] **ENERGY RECOVERY AND REGENERATION SYSTEM**
 [54] **RECUPERATION D'ENERGIE ET SYSTEME DE REGENERATION**
 [72] RIBAROV, LUBOMIR A., US
 [71] HAMILTON SUNDSTRAND CORPORATION, US
 [22] 2014-06-03
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 [54] **HIGH SPEED PNEUMATIC SWITCH AND CARRIER STATION**
 [54] **COMMUTEUR PNEUMATIQUE HAUTE VITESSE ET STATION DE SUPPORT**
 [72] HOGANSON, KENNETH MICHAEL, US
 [71] TRANSLOGIC CORPORATION, US
 [22] 2014-06-04
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 [13] A1

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 [54] **COMPOSITIONS FOR DETECTING ALICYCLOBACILLUS MICROORGANISMS**
 [54] **COMPOSITIONS POUR DETECTER LES MICROORGANISMES D'ALICYCLOBACILLUS**
 [72] WANG, YU, US
 [72] BAO, YUN, US
 [71] PALL CORPORATION, US
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 [30] US (13/911,733) 2013-06-06

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 [25] EN
 [54] **SAWING MACHINE AND METHOD FOR CONTROLLING A SAWING MACHINE**
 [54] **MACHINE DE SCIAGE ET PROCEDE POUR COMMANDER UNE MACHINE DE SCIAGE**
 [72] OBERLE, MARKUS, DE
 [72] SABEL, ANDRE, DE
 [71] KEURO BESTITZ GMBH & CO. EDV-DIENSTLEISTUNGS KG, DE
 [22] 2014-06-06
 [41] 2014-12-06
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 [54] **SYSTEMS AND METHODS FOR PROVIDING AN E-COMMERCE SLIP CART**
 [54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UN CHARIOT POUR COMMERCE ELECTRONIQUE**
 [72] SUTTON, ANDREA, US
 [72] HUDSON, ROBERT, US
 [71] SEARS BRANDS, LLC, US
 [22] 2014-06-05
 [41] 2014-12-05
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[13] A1

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[54] **ARTICLE THERMOPLASTIQUE POUR FIXATION SUR UNE STRUCTURE DE SOUTIEN**

[72] MCMASTER, WILLIAM J., US

[72] FLECK, RANDY E., US

[72] SERNA, STEPHEN P., US

[72] CAUGHEY, EDWARD C., US

[71] BASF SE, DE

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[51] **Int.Cl. B65D 81/05 (2006.01) B65D 85/00 (2006.01)**

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[54] **WIPER BLADE PACKAGE**

[54] **EMBALLAGE DE BALAI D'ESSUIE-GLACE**

[72] DENNEY, JAMES R., US

[72] WYNALDA, DOUGLAS, US

[71] WYNALDO LITHO, INC., US

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[54] **WRINKLE REDUCING AND DEODORIZING DRYER SHEET AND METHODS OF MAKING AND USING**

[54] **FEUILLE DE SECHAGE DEODORANTE ATTENUANT LES FAUX PLIS ET PROCEDES DE FABRICATION ET D'UTILISATION**

[72] RAMIREZ, JOSE E., US

[72] RAMIREZ, DONNA F., US

[71] JR CHEM, LLC, US

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[13] A1

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[54] **PROCESS FOR OBTAINING COPPER NANOPARTICLES FROM RHODOTORULA MUCILAGINOSA AND USE OF RHODOTORULA MUCILAGINOSA IN BIOREMEDIATION OF WASTEWATER AND PRODUCTION OF COPPER NANOPARTICLES**

[54] **PROCEDE D'OBTENTION DE NANOPARTICULES DE CUIVRE A PARTIR DE RHODOTORULA MUCILAGINOSA ET UTILISATION DE RHODOTORULA MUCILAGINOSA DANS LA BIOREMEDIATION DES EAUX USEES ET LA PRODUCTION DE NANOPARTICULES DE CUIVRE**

[72] CORREA, BENEDITO, BR

[72] NASCIMENTO, CLAUDIO AUGUSTO OLLER, BR

[72] SALVADORI, MARCIA REGINA, BR

[71] VALE S.A., BR

[71] UNIVERSIDADE DE SAO PAULO - USP, BR

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[54] **INTELLIGENT CLEARING NETWORK**

[54] **RESEAU DE COMPENSATION INTELLIGENT**

[72] THIBEDAU, RICHARD B., US

[72] SCHULTE, BRIAN, US

[72] SKELTON, MICHAEL, US

[72] OAKLEY, GARY, US

[72] ROBERTSON, JON, US

[71] INTELLIGENT CLEARING NETWORK, INC., US

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[25] EN

[54] **PROCESS FOR OBTAINING COPPER NANOPARTICLES FROM A FUNGUS SELECTED BETWEEN HYPOCREA LIXII AND TRICHODERMA KONINGIOPSIS AND USE OF FUNGI SELECTED BETWEEN HYPOCREA LIXII AND TRICHODERMA KONINGIOPSIS IN BIOREMEDIATION OF WASTEWATER AND PRODUCTION OF COPPER NANOPARTICLES**

[54] **PROCEDE D'OBTENTION DE NANOPARTICULES DE CUIVRE A PARTIR D'UN CHAMPIGNON SELECTIONNE ENTRE HYPOCREA LIXII ET TRICHODERMA KONINGIOPSIS ET UTILISATION DE CHAMPIGNONS SELECTIONNES ENTRE HYPOCREA LIXII ET TRICHODERMA KONINGIOPSIS DANS LA BIOREMEDIATION DES EAUX USEES ET LA PRODUCTION DE NANOPARTICULES DE CUIVRE**

[72] CORREA, BENEDITO, BR

[72] NASCIMENTO, CLAUDIO AUGUSTO OLLER, BR

[72] SALVADORI, MARCIA REGINA, BR

[71] VALE S.A., BR

[71] UNIVERSIDADE DE SAO PAULO - USP, BR

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[30] US (61/831,362) 2013-06-05

[21] **2,853,666**
[13] A1

[51] **Int.Cl. B26B 29/06 (2006.01) A47J 17/00 (2006.01) A47J 43/00 (2006.01)**

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[54] **FOOD SLICER**

[54] **TRANCHEUSE POUR PRODUITS ALIMENTAIRES**

[72] BENAKSAS, ABRAHAM, US

[72] RUDNER, BONNIE-JO, US

[71] BENAKSAS, ABRAHAM, US

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 [54] **TILE SPONGE**
 [54] **EPONGE A CARRELAGE**
 [72] LIONHEART, DAVID, US
 [71] LIONHEART, DAVID, US
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 [30] US (13/910,051) 2013-06-04

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[51] **Int.Cl. F16K 1/54 (2006.01) F16K 11/044 (2006.01) F16K 47/00 (2006.01)**
 [25] EN
 [54] **A DIRECTIONAL VALVE AND METHOD OF OPERATION**
 [54] **DISTRIBUTEUR ET PROCEDE DE FONCTIONNEMENT**
 [72] LANDRUM, MICHAEL T., US
 [71] SPX CORPORATION, US
 [22] 2014-06-03
 [41] 2014-12-04
 [30] US (13/909,755) 2013-06-04

[21] **2,853,919**
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[51] **Int.Cl. G01L 19/06 (2006.01) A61M 16/00 (2006.01)**
 [25] FR
 [54] **GAS PRESSURE MEASUREMENT SYSTEM FOR A PATIENT VENTILATION DEVICE**
 [54] **SYSTEME DE MESURE DE PRESSION DE GAZ POUR APPAREIL DE VENTILATION DE PATIENT**
 [72] GERMANI, DAMIEN, FR
 [72] GUIDUCCI, HADRIEN, FR
 [71] AIR LIQUIDE MEDICAL SYSTEMS, FR
 [22] 2014-06-05
 [41] 2014-12-06
 [30] FR (13 55 204) 2013-06-06

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[51] **Int.Cl. G06Q 40/00 (2012.01) G06Q 50/00 (2012.01)**
 [25] EN
 [54] **AMATEUR ATHLETE COMPENSATION PRODUCT USING RESIDUAL VALUE**
 [54] **PRODUIT DE COMPENSATION POUR ATHLETE AMATEUR UTILISANT LA VALEUR RESIDUELLE**
 [72] SINNO, DINA, US
 [72] MCDONOUGH, JOHN, US
 [71] FMR LLC, US
 [22] 2014-10-03
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 [30] US (61/886,455) 2013-10-03
 [30] US (14/078,111) 2013-11-12

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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/00 (2006.01) A61M 15/06 (2006.01)**
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 [54] **VAPORIZATION DEVICE AND METHOD OF PREPARATION AND USE**
 [54] **DISPOSITIF DE VAPORISATION ET PROCEDE DE PREPARATION ET D'UTILISATION**
 [72] FARROW, DARRIN B., US
 [71] FARROW, DARRIN B., US
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 [30] US (61/884,495) 2013-09-30
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<p>[21] 2,851,133 [13] A1</p> <p>[51] Int.Cl. F16L 19/025 (2006.01) F16L 21/06 (2006.01) F16L 23/04 (2006.01)</p> <p>[25] EN</p> <p>[54] TELESCOPING PIPE CONNECTOR</p> <p>[54] RACCORD DE TUYAU TELESCOPIQUE</p> <p>[72] GALLAGHER, JOHN, GB</p> <p>[72] WARD, MARTIN JAMES, GB</p> <p>[71] OIL STATES INDUSTRIES (UK) LIMITED, GB</p> <p>[85] 2014-05-05</p> <p>[86] 2014-02-25 (PCT/GB2014/050562)</p> <p>[87] (2851133)</p> <p>[30] GB (1309726.6) 2013-05-30</p>	<p>[21] 2,860,933 [13] A1</p> <p>[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/429 (2006.01) A61K 31/437 (2006.01) A61K 31/5365 (2006.01) A61K 31/5383 (2006.01) A61K 31/542 (2006.01) A61P 9/06 (2006.01) A61P 11/00 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01)</p> <p>[25] EN</p> <p>[54] FUSED PYRROLEDICARBOXAMIDES AND THEIR USE AS PHARMACEUTICALS</p> <p>[54] PYRROLEDICARBOXAMIDES FUSIONNES ET LEUR UTILISATION EN TANT QUE PRODUITS PHARMACEUTIQUES</p> <p>[72] BIALY, LAURENT, DE</p> <p>[72] LORENZ, KATRIN, DE</p> <p>[72] WIRTH, KLAUS, DE</p> <p>[72] STEINMEYER, KLAUS, DE</p> <p>[72] HESSLER, GERHARD, DE</p> <p>[71] SANOFI, FR</p> <p>[85] 2014-07-10</p> <p>[86] 2013-02-01 (PCT/EP2013/051996)</p> <p>[87] (WO2013/113860)</p> <p>[30] EP (12305129.4) 2012-02-03</p>	<p>[21] 2,861,665 [13] A1</p> <p>[51] Int.Cl. G01V 3/26 (2006.01) E21B 47/026 (2006.01) G01V 3/18 (2006.01)</p> <p>[25] EN</p> <p>[54] DETECTING BOUNDARY LOCATIONS OF MULTIPLE SUBSURFACE LAYERS</p> <p>[54] DETECTION D'EMPLACEMENTS LIMITES DE MULTIPLES COUCHES DE SUBSURFACE</p> <p>[72] TANG, YUMEI, US</p> <p>[71] HALLIBURTON ENERGY SERVICES, INC., US</p> <p>[85] 2014-06-16</p> <p>[86] 2013-07-18 (PCT/US2013/051107)</p> <p>[87] (2861665)</p>

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[25] EN
[54] **ENERGY RECOVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RECUPERATION D'ENERGIE**
[72] LANDRY, GERALD, CA
[71] LANDRY, GERALD, CA
[85] 2014-07-08
[86] 2014-04-29 (PCT/CA2014/000385)
[87] (2861757)
[30] US (61/854,588) 2013-04-29
[30] US (61/962,154) 2013-11-01
[30] US (61/965,839) 2014-02-10

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[25] EN
[54] **REACTOR UNIT**
[54] **GROUPE REACTEUR**
[72] KATANO, KOJI, JP
[72] SEKINE, HIROYUKI, JP
[72] NAKAMURA, IKUHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2014-09-12
[86] 2012-03-15 (PCT/JP2012/056748)
[87] (2862753)

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[25] EN
[54] **METHOD FOR TREATING SCLERODERMA**
[54] **PROCEDE DE TRAITEMENT DE LA SCLERODERMIE**
[72] YIN, HANG, US
[72] VARGA, JOHN, US
[72] BHATTACHARYYA, SWATI, US
[71] THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE, US
[85] 2014-07-31
[86] 2013-04-17 (PCT/US2013/036866)
[87] (WO2013/158698)
[30] US (61/625,660) 2012-04-17

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[54] **LINEAR MOTION MIXER**
[54] **MELANGEUR A MOUVEMENT LINEAIRE**
[72] HAUGHTON, GARY, CA
[72] ROSADA, ALESANDRO, CA
[71] ENERSAVE FLUID MIXERS INC., CA
[85] 2014-09-26
[86] 2014-04-17 (PCT/IB2014/060818)
[87] (2865978)
[30] US (61/813,745) 2013-04-19

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[13] A1

[51] **Int.Cl. C25C 3/08 (2006.01) C25C 7/02 (2006.01)**
[25] EN
[54] **ELECTROLYSIS CELL, IN PARTICULAR FOR THE PRODUCTION OF ALUMINUM**
[54] **CELLULE D'ELECTROLYSE, EN PARTICULIER POUR LA PRODUCTION D'ALUMINIUM**
[72] ABBAS, GHAZANFAR, DE
[71] SGL CARBON SE, DE
[85] 2014-10-08
[86] 2013-04-09 (PCT/EP2013/057366)
[87] (WO2013/153053)

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[51] **Int.Cl. A61K 31/13 (2006.01) A61K 9/20 (2006.01) A61K 31/045 (2006.01) A61P 11/14 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING COUGH**
[54] **COMPOSITIONS ET METHODES DESTINEES A TRAITER LA TOUX**
[72] GINSKI, MARK, US
[72] PATERSON, BLAKE, US
[72] MAZHARI, REZA, US
[72] MEZAACHE, DJELILA, US
[71] CERECOR INC., US
[85] 2014-10-09
[86] 2013-04-09 (PCT/US2013/035748)
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[30] US (61/623,464) 2012-04-12
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[13] A1

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[25] EN
[54] **TOPICAL SPRAY COMPOSITION AND SYSTEM FOR DELIVERING THE SAME**
[54] **COMPOSITION DE SPRAY TOPIQUE ET SYSTEME PERMETTANT D'ADMINISTRER CETTE DERNIERE**
[72] MORIKIS, THOMAS NIKOLAOS, US
[72] MELO, KATHLEEN LYNN, US
[72] NG, GEE-YOUNG, US
[71] UNILEVER PLC, GB
[85] 2014-10-10
[86] 2013-04-24 (PCT/EP2013/058466)
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[30] US (13/457,767) 2012-04-27

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[13] A1

[51] **Int.Cl. A61K 8/92 (2006.01) A61K 8/60 (2006.01) A61Q 9/02 (2006.01) A61Q 19/00 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **PERSONAL CLEANSING COMPOSITIONS**
[54] **COMPOSITIONS D'HYGIENE PERSONNELLE**
[72] STELLA, QING, US
[72] GUSKEY, GERALD JOHN, US
[72] GARZA, CYNTHIA ANN, US
[72] COFFINDAFFER, TIMOTHY WOODROW, US
[72] CARTER, JOHN DAVID, US
[72] KYTE, KENNETH EUGENE, III, US
[71] THE PROCTOR & GAMBLE COMPANY, US
[85] 2014-10-14
[86] 2013-04-18 (PCT/US2013/037164)
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[25] EN
[54] **PLANT GROWTH ENHANCING MIXTURE**
[54] **MELANGE FAVORISANT LA CROISSANCE DES PLANTES**
[72] LIPTAY, ALBERT, US
[72] SALZMAN, RONALD, US
[72] STOLLER, JERRY H., US
[71] STOLLER ENTERPRISES, INC., US
[85] 2014-10-15
[86] 2013-04-19 (PCT/US2013/037480)
[87] (WO2013/159061)
[30] US (61/636,322) 2012-04-20

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[13] A1
[51] **Int.Cl. A01C 1/06 (2006.01) A01N 25/08 (2006.01) A01N 43/40 (2006.01) A01N 43/90 (2006.01) A01N 47/40 (2006.01) A01N 51/00 (2006.01) C09K 3/22 (2006.01)**
[25] EN
[54] **COATED SEED AND METHODS FOR REDUCING SEED DUST**
[54] **SEMENCE ENROBEE ET PROCEDES DE REDUCTION DE POUSSIERE DE SEMENCE**
[72] REICHERT, RONALD, US
[72] HAIRSTON, WILLIAM G., US
[71] BAYER CROPSCIENCE LP, US
[85] 2014-10-16
[86] 2013-03-15 (PCT/US2013/031888)
[87] (WO2013/158284)
[30] US (61/619,691) 2012-04-19

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[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) A61K 38/00 (2006.01) A61K 39/395 (2006.01) A61K 47/34 (2006.01) A61K 47/48 (2006.01) A61P 19/00 (2006.01)**
[25] EN
[54] **BONE REPAIR PROMOTER**
[54] **ACCELERATEUR DE REPARATION OSSEUSE**
[72] WAKABAYASHI, NAOMI, JP
[72] YAMAKI, AKIRA, JP
[72] SUGIYAMA, MASAKO, JP
[71] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2014-10-24
[86] 2013-04-24 (PCT/JP2013/062105)
[87] (WO2013/161895)
[30] JP (2012-100444) 2012-04-25

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[13] A1
[51] **Int.Cl. B65D 1/02 (2006.01) B65D 41/16 (2006.01) B65D 51/16 (2006.01)**
[25] EN
[54] **CONTAINER WITH TWIST-OFF CLOSURE**
[54] **RECIPIENT AVEC FERMETURE A RUPTURE PAR TORSION**
[72] MCGIRR, LAURA JANE, GB
[72] NICHOLLS, ANNE ELIZABETH, GB
[72] RAMSEY, CHRISTOPHER PAUL, GB
[71] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2014-10-27
[86] 2013-05-03 (PCT/EP2013/059241)
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[13] A1
[51] **Int.Cl. E21B 43/22 (2006.01) C09K 8/584 (2006.01)**
[25] EN
[54] **METHOD FOR ENHANCED HYDROCARBON RECOVERY**
[54] **PROCEDE POUR LA RECUPERATION AMELIOREE D'HYDROCARBURES**
[72] BARNES, JULIAN RICHARD, NL
[72] BUECHLE, JAMES LAUREL, US
[72] DIRKZWAGER, HENDRIK, NL
[72] ELLISON, ROBERT HARDY, US
[72] SMIT, JOHAN PAUL, NL
[71] SHELL INTERNATIONALE RESEARCH MAATCVHAPPIJ B.V., NL
[85] 2014-10-27
[86] 2013-05-08 (PCT/EP2013/059567)
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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) A61M 1/36 (2006.01) B01D 21/26 (2006.01) B04B 5/04 (2006.01)**
[25] EN
[54] **ELUTRIATION CHAMBER FOR AN ELUTRIATOR SYSTEM**
[54] **CHAMBRE D'ELUTRIATION POUR SYSTEME ELUTRIATEUR**
[72] EIBL, JOHANN, AT
[72] GRAUS, JOHANN, AT
[72] MADER, CHRISTOPH, AT
[71] BIO-PRODUCTS & BIO-ENGINEERING AG, AT
[85] 2014-10-27
[86] 2013-05-13 (PCT/EP2013/059761)
[87] (WO2013/167747)
[30] AT (A 50173/2012) 2012-05-11

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[13] A1
[51] **Int.Cl. C07C 67/343 (2006.01) C07C 69/738 (2006.01)**
[25] EN
[54] **MANUFACTURE OF 1-SUBSTITUTED METHYLIDENE COMPOUNDS**
[54] **FABRICATION DE COMPOSES DE METHYLIDENE 1-SUBSTITUES**
[72] JAUNZEMS, JANIS, DE
[71] SOLVAY SA, BE
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[86] 2013-05-07 (PCT/EP2013/059526)
[87] (WO2013/171102)
[30] EP (12168163.9) 2012-05-16

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[13] A1

[51] **Int.Cl. G06Q 10/04 (2012.01) G06Q 50/30 (2012.01)**

[25] EN

[54] **CONVEYANCE PLANNING USING DARTBOARD NETWORK**

[54] **PLANIFICATION D'ACHEMINEMENT A L'AIDE D'UN RESEAU DE TYPE CIBLE DE JEU DE FLECHETTES**

[72] SHEKHAR, SHASHI, US

[72] YANG, KWANGSOO, US

[72] GUNTURI, VENKATA MARUTI VISWANATH, US

[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US

[85] 2014-10-27

[86] 2013-03-14 (PCT/US2013/031478)

[87] (WO2013/172959)

[30] US (61/648,824) 2012-05-18

[21] **2,871,889**
[13] A1

[51] **Int.Cl. B23P 15/14 (2006.01) B23F 15/00 (2006.01) B29D 29/08 (2006.01) F16H 55/12 (2006.01) F16H 55/17 (2006.01)**

[25] EN

[54] **METHOD OF FORMING A SPROCKET**

[54] **PROCEDE DE FORMATION DE ROUE DENTEE**

[72] CADARETTE, MARC, CA

[72] WILSON, CATHY PEAKE, US

[72] HODJAT, YAHYA, US

[71] THE GATES CORPORATION, US

[85] 2014-10-28

[86] 2013-04-16 (PCT/US2013/036694)

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[30] US (13/465,248) 2012-05-07

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[51] **Int.Cl. A61B 3/10 (2006.01) G01J 9/00 (2006.01)**

[25] EN

[54] **OPHTHALMIC WAVEFRONT SENSOR OPERATING IN PARALLEL SAMPLING AND LOCK-IN DETECTION MODE**

[54] **CAPTEUR DE FRONT D'ONDE OPHTHALMIQUE FONCTIONNANT EN MODE ECHANTILLONNAGE PARALLELE ET EN MODE DETECTION SYNCHRONE**

[72] ZHOU, YAN, US

[72] SHEA, WILLIAM, US

[72] BAKER, PHIL, US

[71] CLARITY MEDICAL SYSTEMS, INC., US

[85] 2014-10-28

[86] 2013-04-17 (PCT/US2013/036850)

[87] (WO2013/165689)

[30] US (13/459,914) 2012-04-30

[21] **2,871,893**
[13] A1

[51] **Int.Cl. C09K 8/32 (2006.01) C08G 18/10 (2006.01) C08G 18/34 (2006.01) C09K 8/34 (2006.01)**

[25] EN

[54] **RHEOLOGY MODIFIERS**

[54] **MODIFICATEURS DE RHEOLOGIE**

[72] HARRIS, JEFFREY, US

[72] BYERS, JIM, US

[71] CHEVRON PHILLIPS CHEMICAL COMPANY L.P., US

[85] 2014-10-28

[86] 2013-04-22 (PCT/US2013/037598)

[87] (WO2013/165728)

[30] US (13/459,677) 2012-04-30

[21] **2,871,895**
[13] A1

[51] **Int.Cl. C09D 5/00 (2006.01) C09D 5/02 (2006.01) C09D 109/06 (2006.01) C09D 123/08 (2006.01) C09D 131/04 (2006.01) C09D 133/00 (2006.01) C09K 3/10 (2006.01)**

[25] EN

[54] **FILM FORMING FORMULATION FOR TEXTURED SURFACES**

[54] **FORMULATION DE FORMATION DE FILM POUR SURFACES TEXT REES**

[72] TANRI ULU, NILUFER, US

[71] SHURTAPE TECHNOLOGIES, LLC, US

[85] 2014-10-28

[86] 2013-04-26 (PCT/US2013/038329)

[87] (WO2013/165826)

[30] US (61/640,136) 2012-04-30

[30] US (13/800,848) 2013-03-13

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[13] A1

[51] **Int.Cl. G06F 12/02 (2006.01) G06F 9/455 (2006.01)**

[25] EN

[54] **VIRTUAL MACHINE EXCLUSIVE CACHING**

[54] **MISE EN CACHE EXCLUSIVE DE MACHINE VIRTUELLE**

[72] CHEN, HAN, US

[72] LEI, HUI, US

[72] ZHANG, ZHE, US

[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US

[85] 2014-10-28

[86] 2013-05-03 (PCT/US2013/039375)

[87] (WO2013/176864)

[30] US (13/479,664) 2012-05-24

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[51] Int.Cl. H02J 3/28 (2006.01) B64D 47/00 (2006.01)
[25] EN
[54] **ELECTRIC SYSTEM STABILIZING SYSTEM FOR AIRCRAFT**
[54] **SYSTEME DE STABILISATION DE SYSTEME ELECTRIQUE POUR AERONEF**
[72] IWASHIMA, ATSUSHI, JP
[72] SUGIMOTO, KAZUSHIGE, JP
[72] MATSUO, KAZUYA, JP
[72] BRETT, JOSEPH S., US
[72] NOZARI, FARHAD, US
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
[71] THE BOEING COMPANY, US
[85] 2014-10-28
[86] 2013-07-29 (PCT/US2013/052583)
[87] (WO2014/022316)
[30] US (13/561,572) 2012-07-30

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[51] Int.Cl. A61K 31/728 (2006.01) A23L 1/30 (2006.01) A61K 8/60 (2006.01) A61K 8/73 (2006.01) A61K 31/7016 (2006.01) A61K 31/702 (2006.01) A61P 3/04 (2006.01) A61P 3/06 (2006.01) A61P 3/10 (2006.01) A61P 9/10 (2006.01) A61P 9/12 (2006.01) A61P 11/00 (2006.01) A61P 13/12 (2006.01) A61P 17/16 (2006.01) A61P 19/02 (2006.01) A61P 21/00 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01) A61Q 19/08 (2006.01)
[25] EN
[54] **SIRTUIN INDUCER, TISSUE REPAIRING AGENT, HEPATOCYTE GROWTH FACTOR INDUCER, TISSUE HOMEOSTASIS MAINTENANCE AGENT, AND TLR4 AGONIST, HAVING HYALURONIC ACID FRAGMENT AS ACTIVE INGREDIENT**
[54] **AGENT TLR4, AGENT D'HOMÉOSTASIE TISSULAIRE, ACTIVATEUR DU FACTEUR DE CROISSANCE DES HEPATOCYTES, AGENT DE REPARATION TISSULAIRE, ET ACTIVATEUR DE SIRTUINE AYANT DES FRAGMENTS D'ACIDE HYALURONIQUE EN TANT QUE PRINCIPES ACTIFS ASSOCIES**
[72] ASARI, AKIRA, JP
[72] CODEE, JEROEN, NL
[71] HYALURONAN RESEARCH INSTITUTE, INC., JP
[85] 2014-08-14
[86] 2013-02-21 (PCT/JP2013/054330)
[87] (WO2013/125634)
[30] JP (2012-035743) 2012-02-22
[30] JP (2012-035745) 2012-02-22
[30] JP (2012-208055) 2012-09-21

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[51] Int.Cl. A61K 9/10 (2006.01) A61K 31/565 (2006.01) A61K 45/00 (2006.01) A61K 47/14 (2006.01) A61K 47/44 (2006.01) A61P 15/14 (2006.01) A61P 35/00 (2006.01)
[25] EN
[54] **LACTATE-BASED OILY FORMULATION OF FULVESTRANT OR DERIVATIVE THEREOF AND METHOD FOR PRODUCING THE SAME**
[54] **PREPARATION HUILEUSE DE FULVESTRANT OU D'UN DERIVE DE FULVESTRANT A BASE DE LACTATE ET SON PROCEDE DE PREPARATION**
[72] LU, WUDANG, CN
[72] YU, WEIPING, CN
[72] CHEN, TAO, CN
[72] CAI, RUI, CN
[71] LIPONT PHARMACEUTICALS INC., CA
[85] 2014-10-29
[86] 2012-11-15 (PCT/CN2012/084685)
[87] (WO2013/143299)
[30] CN (201210093205.X) 2012-03-31

[21] 2,872,013
[13] A1
[51] Int.Cl. A22C 21/02 (2006.01)
[25] EN
[54] **A METHOD FOR OPERATING A POULTRY DEFEATHERING APPARATUS AND A PICKING BANK FOR USE IN A POULTRY DEFEATHERING APPARATUS**
[54] **PROCEDE DE FONCTIONNEMENT D'UN APPAREIL DE PLUMAISSON DE VOLAILLE ET BANC DE RAMASSAGE A UTILISER DANS UN APPAREIL DE PLUMAISSON DE VOLAILLE**
[72] REMMER, MICHAEL, DK
[72] BACH, OLE, DK
[72] KELDSSEN, POUL, DK
[72] THRANE, UFFE, DK
[71] LINCO FOOD SYSTEMS A/S, DK
[85] 2014-10-29
[86] 2012-03-28 (PCT/DK2012/050095)
[87] (WO2013/143539)

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[13] A1

[51] **Int.Cl. A61H 19/00 (2006.01) A61F 5/41 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **PENILE CONSTRICTION DEVICE**
[54] **DISPOSITIF DE CONSTRICTION PENIENNE**
[72] HAHR, MEIKE, DE
[72] TULLNEY, HEIKO, DE
[71] SENSES TOYS INTELLECTUAL PROPERTY MANAGEMENT UG, DE
[85] 2014-10-29
[86] 2012-04-30 (PCT/EP2012/057898)
[87] (WO2013/164006)

[21] **2,872,036**
[13] A1

[51] **Int.Cl. A61H 19/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **LAY-ON VIBRATOR**
[54] **VIBREUR D'INSTALLATION**
[72] MUHL, TILL, DE
[72] HAHR, MEIKE, DE
[72] TULLNEY, HEIKO, DE
[71] SENSES TOYS INTELLECTUAL PROPERTY MANAGEMENT UG, DE
[85] 2014-10-29
[86] 2012-04-30 (PCT/EP2012/057900)
[87] (WO2013/164008)

[21] **2,872,038**
[13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) F02K 99/00 (2009.01) F02C 7/32 (2006.01) F02K 3/00 (2006.01)**
[25] EN
[54] **HIGH DURABILITY TURBINE EXHAUST CASE**
[54] **CARTER DE SORTIE DE TURBINE A HAUTE DURABILITE**
[72] MOUNTZ, DARYL B., US
[72] KAPUSTKA, THEODORE W., US
[72] LEVASSEUR, GLENN, US
[72] BORG, MARCUS, SE
[72] BERGLUND, JOAKIM, SE
[72] SVAHN, ANDERS, SE
[72] OCKBORN, JOHAN, SE
[72] PETTERSSON, BENGT, SE
[71] UNITED TECHNOLOGIES CORPORATION, US
[71] GKN AEROSPACE SWEDEN AB, SE
[85] 2014-10-29
[86] 2013-06-14 (PCT/US2013/045765)
[87] (WO2013/188722)
[30] US (61/660,199) 2012-06-15
[30] US (61/808,849) 2013-04-05

[21] **2,872,039**
[13] A1

[51] **Int.Cl. G01F 11/02 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR DISPENSING A FLUID**
[54] **CARTOUCHE POUR DISTRIBUER UN FLUIDE**
[72] BOHM, CHRISTOPH, DE
[72] KUPSER, PETER, DE
[72] ORANTH, NORBERT, DE
[72] SPINKE, JURGEN, DE
[72] BRUCKNER, THORSTEN, DE
[72] KLEIN, TIMO, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-29
[86] 2012-11-15 (PCT/EP2012/072733)
[87] (WO2013/167209)
[30] EP (12167108.5) 2012-05-08

[21] **2,872,046**
[13] A1

[51] **Int.Cl. E21B 33/134 (2006.01)**
[25] EN
[54] **BRIDGE PLUG TOOL**
[54] **OUTIL A BOUCHON PROVISOIRE**
[72] PEDERSEN, DAG, NO
[71] AKER WELL SERVICE AS, NO
[85] 2014-10-29
[86] 2013-04-30 (PCT/EP2013/058998)
[87] (WO2013/164343)
[30] GB (1207467.0) 2012-04-30

[21] **2,872,055**
[13] A1

[51] **Int.Cl. A61M 16/00 (2006.01) A61B 5/021 (2006.01) A61B 5/08 (2006.01) A61B 5/091 (2006.01) A61M 16/06 (2006.01)**
[25] EN
[54] **A NEW METHOD AND APPARATUS TO ATTAIN AND MAINTAIN TARGET ARTERIAL BLOOD GAS CONCENTRATIONS USING RAMP SEQUENCES**
[54] **NOUVEAUX PROCEDE ET APPAREIL POUR OBTENIR ET MAINTENIR DES CONCENTRATIONS CIBLES DE GAZ SANGUIN ARTERIEL A L'AIDE DE SEQUENCES RAMP**
[72] KLEIN, MICHAEL, CA
[72] FISHER, JOSEPH, CA
[72] DUFFIN, JAMES, CA
[72] SLESSAREV, MARAT, CA
[72] KESSLER, CATHIE, CA
[72] ITO, SHOJI, CA
[72] SOBCZYK, OLIVIA, CA
[72] BATTISTI-CHARBONNEY, ANNE, CA
[72] MIKULIS, DAVID, CA
[72] MANDELL, DANIEL MICHAEL, CA
[71] KLEIN, MICHAEL, CA
[71] FISHER, JOSEPH, CA
[71] DUFFIN, JAMES, CA
[71] SLESSAREV, MARAT, CA
[71] KESSLER, CATHIE, CA
[71] ITO, SHOJI, CA
[71] SOBCZYK, OLIVIA, CA
[71] BATTISTI-CHARBONNEY, ANNE, CA
[71] MIKULIS, DAVID, CA
[71] MANDELL, DANIEL MICHAEL, CA
[85] 2014-10-30
[86] 2013-04-30 (PCT/CA2013/000427)
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[30] US (61/640,570) 2012-04-30

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[13] A1
[51] **Int.Cl. B01D 15/38 (2006.01) C07K 14/435 (2006.01) C12N 15/62 (2006.01)**
[25] EN
[54] **SPIDER SILK FUSION PROTEIN STRUCTURES WITHOUT REPETITIVE FRAGMENT FOR BINDING TO AN ORGANIC TARGET**
[54] **STRUCTURES DE PROTEINE DE FUSION DE SOIE D'ARAINNEE EXEMPTES DE FRAGMENT REPETITIF POUR UNE LIAISON AVEC UNE CIBLE ORGANIQUE**
[72] HEDHAMMAR, MY, SE
[71] SPIBER TECHNOLOGIES AB, SE
[85] 2014-10-29
[86] 2013-05-02 (PCT/EP2013/059146)
[87] (WO2013/164405)
[30] EP (12166393.4) 2012-05-02

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[13] A1
[51] **Int.Cl. F28F 3/12 (2006.01) F28D 1/03 (2006.01) F28D 1/06 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **HEAT EXCHANGER FOR COOLING BULK SOLIDS**
[54] **ECHANGEUR DE CHALEUR PERMETTANT DE REFROIDIR DES SOLIDES EN VRAC**
[72] HUANG, XINGCUN, CA
[72] BYMAN, ASHLEY DEAN, CA
[71] SOLEX THERMAL SCIENCE INC., CA
[85] 2014-10-30
[86] 2013-04-18 (PCT/CA2013/050298)
[87] (WO2013/163752)
[30] US (13/464,793) 2012-05-04

[21] **2,872,060**
[13] A1
[51] **Int.Cl. A63H 33/08 (2006.01) A63F 9/10 (2006.01) A63F 9/12 (2006.01) E04C 2/40 (2006.01) E04F 13/07 (2006.01) E04F 13/076 (2006.01) E04F 13/21 (2006.01) E04F 15/00 (2006.01)**
[25] EN
[54] **MODULAR TILE AND BLOCK KIT**
[54] **CARREAU MODULAIRE ET KIT DE BLOCS**
[72] MAKOWKA, GEORGE, CA
[72] MAKOWKA, CAROLE, CA
[71] MAKOWKA, GEORGE, CA
[71] MAKOWKA, CAROLE, CA
[85] 2014-10-30
[86] 2013-04-30 (PCT/CA2013/050332)
[87] (WO2013/163757)
[30] US (61/640,882) 2012-05-01

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[13] A1
[51] **Int.Cl. A61B 5/048 (2006.01) A61B 5/00 (2006.01) A61M 16/00 (2006.01) G06F 19/00 (2011.01)**
[25] FR
[54] **METHOD FOR CHARACTERISING THE PHYSIOLOGICAL STATE OF A PATIENT FROM THE ANALYSIS OF THE CEREBRAL ELECTRICAL ACTIVITY OF SAID PATIENT, AND MONITORING DEVICE APPLYING SAID METHOD**
[54] **PROCEDE DE CARACTERISATION DE L'ETAT PHYSIOLOGIQUE D'UN PATIENT A PARTIR DE L'ANALYSE DE SON ACTIVITE ELECTRIQUE CEREBRALE, ET DISPOSITIF DE SURVEILLANCE FAISANT APPLICATION**
[72] SIMIOWSKI, THOMAS, FR
[72] RAUX, MATHIEU, FR
[72] CHAVEZ, MARIO, FR
[72] MARTINERIE, JACQUES, FR
[72] POUGET, PIERRE, FR
[71] ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, FR
[71] UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] FONDATION ICM - INSTITUT DU CERVEAU ET DE LA MOELLE EPINIERE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2014-10-29
[86] 2013-05-03 (PCT/EP2013/059279)
[87] (WO2013/164462)
[30] FR (1254089) 2012-05-03

[21] **2,872,064**
[13] A1
[51] **Int.Cl. E21B 21/10 (2006.01)**
[25] EN
[54] **METHOD OF DRILLING A SUBTERRANEAN BOREHOLE**
[54] **METHODE DE FORAGE D'UN Puits DE FORAGE SOUTERRAIN**
[72] LEUCHTENBERG, CHRISTIAN, SG
[71] MANAGED PRESSURE OPERATIONS PTE. LTD., SG
[85] 2014-10-29
[86] 2013-05-03 (PCT/EP2013/059314)
[87] (WO2013/164478)
[30] GB (1207769.9) 2012-05-03

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[13] A1

[51] **Int.Cl. H01L 25/16 (2006.01) H01L 23/373 (2006.01)**
[25] FR
[54] **ELECTRONIC POWER MODULE ARRANGEMENT**
[54] **AGENCEMENT DE MODULE ELECTRONIQUE DE PUISSANCE**
[72] ROCHE, OLIVIER, FR
[71] SAGEM DEFENSE SECURITE, FR
[85] 2014-10-29
[86] 2013-05-13 (PCT/EP2013/059762)
[87] (WO2013/171136)
[30] FR (1254521) 2012-05-16

[21] **2,872,078**
[13] A1

[51] **Int.Cl. B29C 41/20 (2006.01) B29D 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN OPTICAL MODULE HAVING A POLYMER LENS, OPTICAL MODULE AND USE THEREOF**
[54] **PROCEDE DE PRODUCTION D'UN MODULE OPTIQUE DOTE D'UN SYSTEME OPTIQUE POLYMERE, MODULE OPTIQUE ET SON UTILISATION**
[72] PEIL, MICHAEL, DE
[72] SCHADT, SUSANNE, DE
[72] MAIWEG, HARALD, DE
[72] HELMLING, MARCUS, DE
[71] HERAEUS NOBLELIGHT GMBH, DE
[85] 2014-10-30
[86] 2013-03-21 (PCT/EP2013/000863)
[87] (WO2013/164055)
[30] DE (10 2012 008 640.7) 2012-05-02

[21] **2,872,079**
[13] A1

[51] **Int.Cl. C12N 15/53 (2006.01) A01H 5/08 (2006.01) A01H 5/10 (2006.01) C07D 221/28 (2006.01) C07D 489/02 (2006.01)**
[25] EN
[54] **PAPAVER BRACTEATUM WITH MODIFIED ALKALOID CONTENT**
[54] **PAPAVER BRACTEATUM A TENEUR EN ALCALOIDES MODIFIEE**
[72] COOMBS, JUSTIN TAYLOR, AU
[72] RITCHIE, JARROD DAVID, AU
[72] TESTER, MARK ALFRED, AU
[72] LIGHTFOOT, DAMIEN, AU
[72] JHA, DEEPA, AU
[71] TPI ENTERPRISES LTD, AU
[85] 2014-10-29
[86] 2012-04-30 (PCT/AU2012/000457)
[87] (WO2013/163668)

[21] **2,872,080**
[13] A1

[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/02 (2006.01) A61G 5/12 (2006.01)**
[25] EN
[54] **WHEELCHAIR REAR WHEEL SUPPORT ASSEMBLY AND DETACHABLE ARMREST**
[54] **ENSEMBLE SUPPORT DE ROUE ARRIERE DE FAUTEUIL ROULANT ET ACCOUDOIR DETACHABLE**
[72] GINGRAS, DAVID, CA
[72] ARCHAMBAULT, MICHAEL, CA
[72] COUTURE, PIERRE-ANDRE, CA
[72] DESBIENS, JACQUES, CA
[71] MOTION COMPOSITES INC., CA
[85] 2014-10-29
[86] 2012-05-07 (PCT/CA2012/000431)
[87] (WO2013/166578)

[21] **2,872,081**
[13] A1

[51] **Int.Cl. A61J 11/02 (2006.01)**
[25] EN
[54] **A NIPPLE WITH PRESSURE-ADJUSTING VALVE**
[54] **TETINE AYANT UNE VALVE D'AJUSTEMENT DE PRESSION**
[72] CHATTANARIT, SIRIPEN, TH
[71] MAGIC LOVE LIMITED, CN
[85] 2014-10-30
[86] 2012-09-11 (PCT/CN2012/081234)
[87] (WO2013/163855)
[30] TH (1201002002) 2012-04-30

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[13] A1

[51] **Int.Cl. B22C 9/10 (2006.01) B22C 5/08 (2006.01) B22C 9/02 (2006.01) B22D 27/04 (2006.01) B22D 29/00 (2006.01) B22D 30/00 (2006.01)**
[25] EN
[54] **METHOD FOR CASTING A CAST PIECE WITH AT LEAST ONE THROUGH-OPENING**
[54] **PROCEDE DE COULEE D'UNE PIECE COULEE MUNIE D'AU MOINS UNE OUVERTURE DE PASSAGE**
[72] ARNOLD, KLAUS, DE
[71] FRITZ WINTER EISENGIESSEREI GMBH & CO. KG, DE
[85] 2014-10-30
[86] 2013-04-23 (PCT/EP2013/058396)
[87] (WO2013/164225)
[30] DE (10 2012 103 884.8) 2012-05-03

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[13] A1

[51] **Int.Cl. A61K 38/28 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE**
[72] JOHANSEN, THUE, DK
[72] MERSEBACH, HENRIETTE, DK
[72] AXELSEN, MADDS, DK
[72] LANGE, MARTIN, DK
[71] NOVO NORDISK A/S, DK
[85] 2014-10-30
[86] 2013-05-01 (PCT/EP2013/059073)
[87] (WO2013/164375)
[30] EP (12166252.2) 2012-05-01
[30] EP (12166251.4) 2012-05-01
[30] US (61/641,540) 2012-05-02
[30] US (61/641,544) 2012-05-02

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[21] **2,872,084**
[13] A1
[51] **Int.Cl. C07F 9/40 (2006.01) C07F 9/38 (2006.01) C07F 9/572 (2006.01) C22B 60/02 (2006.01) G21F 9/00 (2006.01)**
[25] FR
[54] **NEW BIFUNCTIONAL COMPOUNDS USEFUL AS LIGANDS OF URANIUM (VI), METHODS OF SYNTHESISING SAME AND USES THEREOF**
[54] **NOUVEAUX COMPOSES BIFONCTIONNELS UTILES COMME LIGANDS DE L'URANIUM(VI), LEURS PROCEDES DE SYNTHESE ET LEURS UTILISATIONS**
[72] ARRACHART, GUILHEM, FR
[72] AYCHET, NICOLAS, FR
[72] BERNIER, GILLES, FR
[72] BURDET, FABIEN, FR
[72] LEYDIER, ANTOINE, FR
[72] MIGUIRDITCHIAN, MANUEL, FR
[72] PELLET-ROSTAING, STEPHANE, FR
[72] PLANCQUE, GABRIEL, FR
[72] TURGIS, RAPHAEL, FR
[72] ZEKRI, ELISABETH, FR
[71] AREVA MINES, FR
[85] 2014-10-30
[86] 2013-05-06 (PCT/EP2013/059352)
[87] (WO2013/167516)
[30] FR (1254176) 2012-05-07
[30] FR (1262362) 2012-12-19

[21] **2,872,085**
[13] A1
[51] **Int.Cl. C01B 3/02 (2006.01)**
[25] EN
[54] **METHOD OF REVAMPING OF AN AMMONIA PLANT FED WITH NATURAL GAS**
[54] **PROCEDE DE MODERNISATION D'UNE USINE D'AMMONIAC ALIMENTEE AU GAZ NATUREL**
[72] FILIPPI, ERMANNIO, CH
[72] OSTUNI, RAFFAELE, IT
[71] CASALE SA, CH
[85] 2014-10-30
[86] 2013-02-08 (PCT/EP2013/052532)
[87] (WO2013/167287)
[30] EP (12166958.4) 2012-05-07

[21] **2,872,090**
[13] A1
[51] **Int.Cl. C08G 18/02 (2006.01) C08G 18/10 (2006.01) C08G 18/42 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) C08G 18/77 (2006.01) C08G 18/79 (2006.01) C08K 5/29 (2006.01) C08L 67/02 (2006.01)**
[25] EN
[54] **PROCESS FOR IMPROVING HYDROLYSIS RESISTANCE IN POLYURETHANE (PU) BASED SYSTEMS**
[54] **PROCEDE POUR AMELIORER LA STABILITE A L'HYDROLYSE DANS DES SYSTEMES A BASE DE POLYURETHANE (PU)**
[72] LAUFER, WILHELM, DE
[72] ECKERT, ARMIN, DE
[72] HAAS, UWE, DE
[72] WUERTZ, UWE, DE
[71] RHEIN CHEMIE RHEINAU GMBH, DE
[85] 2014-10-30
[86] 2013-03-22 (PCT/EP2013/056155)
[87] (WO2013/164135)
[30] EP (12166641.6) 2012-05-03

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[13] A1
[51] **Int.Cl. A61K 31/167 (2006.01) A61P 13/00 (2006.01) A61P 13/10 (2006.01)**
[25] EN
[54] **METHODS FOR TREATMENT OF PELVIC PAIN AND/OR COMORBID CONDITIONS**
[54] **PROCEDES POUR LE TRAITEMENT DE LA DOULEUR PELVIENNE ET/OU D'AFFECTIONS COMORBIDES**
[72] HIMES, JULIE, US
[72] GIESING, DENNIS, US
[72] LARRIVEE-ELKINS, CHERYL, US
[72] CIMA, MICHAEL J., US
[72] SARMA, PURNANAND, US
[72] GOLDENHEIM, PAUL, US
[71] TARIS BIOMEDICAL, INC., US
[85] 2014-10-30
[86] 2013-04-30 (PCT/US2013/038902)
[87] (WO2013/166034)
[30] US (61/640,368) 2012-04-30

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[13] A1
[51] **Int.Cl. A61N 5/10 (2006.01) A61B 19/00 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **VIDEOGRAPHIC DISPLAY OF REAL-TIME MEDICAL TREATMENT**
[54] **AFFICHAGE VIDEOGRAPHIQUE D'UN TRAITEMENT MEDICAL EN TEMPS REEL**
[72] DEMPSEY, JAMES F., US
[71] VIEWRAY INCORPORATED, US
[85] 2014-10-30
[86] 2013-05-01 (PCT/US2013/039009)
[87] (WO2013/166111)
[30] US (13/462,750) 2012-05-02

[21] **2,872,095**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] FR
[54] **METHOD FOR CHECKING THE DATA OF A DATABASE RELATING TO PERSONS**
[54] **PROCEDE DE VERIFICATION DES DONNEES D'UNE BASE DE DONNEES RELATIVE A DES PERSONNES**
[72] CIPRIERE, OLIVIER, FR
[71] MORPHO, FR
[85] 2014-10-30
[86] 2013-04-25 (PCT/EP2013/058588)
[87] (WO2013/167388)
[30] FR (12 54220) 2012-05-09

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[13] A1

[51] **Int.Cl. C12N 9/22 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS COMPRISING SEQUENCES HAVING MEGANUCLEASE ACTIVITY**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES SEQUENCES AYANT UNE ACTIVITE DE MEGANUCLEASE**
[72] BERMUDEZ, ERICKA, US
[72] CIGAN, ANDREW MARK, US
[72] ENGLISH, JAMES, US
[72] FALCO, SAVERIO CARL, US
[72] GAO, HUIRONG, US
[72] LIU, LU, US
[72] LIU, ZHAN-BIN, US
[72] ONG, AZALEA, US
[72] SVITASHEV, SERGEI, US
[72] YOUNG, JOSHUA K., US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2014-10-30
[86] 2013-05-01 (PCT/US2013/039011)
[87] (WO2013/166113)
[30] US (61/642,470) 2012-05-04
[30] US (61/683,765) 2012-08-16

[21] **2,872,097**
[13] A1

[51] **Int.Cl. B64D 37/02 (2006.01) B64C 3/34 (2006.01) B64D 37/32 (2006.01)**
[25] EN
[54] **AIRCRAFT FUEL TANK INERTING SYSTEM**
[54] **SYSTEME D'INERTAGE DE RESERVOIR A CARBURANT POUR AVION**
[72] ASHTON, DOMINIC, US
[72] WOOD, JOHN, GB
[72] FOSTER, JOHN, GB
[71] EATON LIMITED, GB
[85] 2014-10-30
[86] 2013-04-29 (PCT/EP2013/058908)
[87] (WO2013/164311)
[30] GB (1207718.6) 2012-05-02

[21] **2,872,098**
[13] A1

[51] **Int.Cl. H01M 2/10 (2006.01)**
[25] FR
[54] **POWER STORAGE MODULE INCLUDING MOVABLE MEANS FOR SETTING A PLURALITY OF POWER STORAGE ELEMENTS**
[54] **MODULE DE STOCKAGE D'ENERGIE COMPRENANT DES MOYENS DE CALAGE DEPLACABLES D'UNE PLURALITE D'ELEMENTS DE STOCKAGE D'ENERGIE**
[72] JUVENTIN, ANNE-CLAIRE, FR
[72] LE GALL, LAURENT, FR
[71] BLUE SOLUTIONS, FR
[85] 2014-10-30
[86] 2013-04-30 (PCT/EP2013/058970)
[87] (WO2013/164335)
[30] FR (1253980) 2012-04-30

[21] **2,872,100**
[13] A1

[51] **Int.Cl. C07H 19/056 (2006.01)**
[25] EN
[54] **NOVEL TETRAGALNAC CONTAINING CONJUGATES AND METHODS FOR DELIVERY OF OLIGONUCLEOTIDES**
[54] **NOUVEAUX CONJUGUES CONTENANT TETRAGALNAC ET PROCEDES POUR L'ADMINISTRATION D'OLIGONUCLEOTIDES**
[72] TELLERS, DAVID, US
[72] COLLETTI, STEVEN L., US
[72] DUDKIN, VADIM, US
[72] IKEMOTO, NORIHIRO, US
[72] LIAO, HONGBIAO, US
[72] PARISH, CRAIG, US
[72] PEI, TAO, US
[72] SHAW, ANTHONY, US
[72] TRUONG, QUANG, US
[72] WANG, LIJUN, US
[72] YUAN, YU, US
[72] ZHU, MAN, US
[71] SIRNA THERAPEUTICS, INC., US
[85] 2014-10-30
[86] 2013-05-01 (PCT/US2013/039025)
[87] (WO2013/166121)
[30] US (61/641,761) 2012-05-02

[21] **2,872,102**
[13] A1

[51] **Int.Cl. A61F 2/68 (2006.01) A61F 2/76 (2006.01) A61F 2/78 (2006.01)**
[25] EN
[54] **DYNAMIC SUPPORT APPARATUS AND SYSTEM**
[54] **APPAREIL ET SYSTEME DE SUPPORT DYNAMIQUE**
[72] STREETER, ALEXANDER D., US
[72] ALTABELLI, DAVID E., US
[72] PERRY, N. CHRISTOPHER, US
[71] DEKA PRODUCTS LIMITED PARTNERSHIP, US
[85] 2014-10-30
[86] 2013-05-01 (PCT/US2013/039081)
[87] (WO2013/166159)
[30] US (13/461,336) 2012-05-01

[21] **2,872,104**
[13] A1

[51] **Int.Cl. A61K 38/47 (2006.01) A61K 38/43 (2006.01) A61P 29/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR HEPARAN SULFATE AS A BIOMARKER FOR TRANSPLANT REJECTION**
[54] **COMPOSITIONS ET PROCEDES POUR UTILISER LE SULFATE D'HEPARANE COMME MARQUEUR BIOLOGIQUE DU REJET DE TRANSPLANT**
[72] BRENNAN, TODD V., US
[72] YANG, YIPING, US
[71] DUKE UNIVERSITY, US
[85] 2014-10-30
[86] 2013-05-01 (PCT/US2013/039086)
[87] (WO2013/166163)
[30] US (61/641,043) 2012-05-01
[30] US (61/660,914) 2012-06-18

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[13] A1
[51] Int.Cl. A61M 29/02 (2006.01) A61B 17/34 (2006.01)
[25] EN
[54] **STEERABLE AND CURVABLE CAVITY CREATION SYSTEM**
[54] **SYSTEME DE CREATION DE CAVITE POUVANT ETRE DIRIGE ET INCURVE**
[72] BURGER, KEITH, US
[72] CHEATWOOD, JOSHUA, US
[72] CHEN, SHIXIN, US
[71] OSSEON LLC, US
[85] 2014-10-30
[86] 2013-05-01 (PCT/US2013/039149)
[87] (WO2013/166209)
[30] US (13/461,727) 2012-05-01
[30] US (13/736,871) 2013-01-08

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[13] A1
[51] Int.Cl. G06F 19/00 (2011.01)
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATED DETERMINATION OF THE RELATIVE EFFECTIVENESS OF ANTI-CANCER DRUG CANDIDATES**
[54] **SYSTEME ET PROCEDE POUR DETERMINER AUTOMATIQUEMENT L'EFFICACITE RELATIVE DE MEDICAMENTS CANDIDATS ANTICANCEREUX**
[72] HALLQUIST, ALLAN E., US
[72] PERREE, MATHIEU, CA
[72] PETIT, OLIVIER, CA
[71] DIA TECH ONCOLOGY, US
[85] 2014-10-30
[86] 2013-05-02 (PCT/US2013/039189)
[87] (WO2013/166233)
[30] US (61/641,610) 2012-05-02
[30] US (13/803,623) 2013-03-14

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[13] A1
[51] Int.Cl. C07D 213/64 (2006.01) A61K 31/4412 (2006.01) A61P 13/12 (2006.01) A61P 43/00 (2006.01)
[25] EN
[54] **NITROGENOUS HETEROCYCLIC DERIVATIVES AND THEIR APPLICATION IN DRUGS**
[54] **DERIVES HETEROCYCLIQUES AZOTES ET LEUR APPLICATION DANS DES MEDICAMENTS**
[72] ZHANG, YINGJUN, CN
[72] ZHANG, JIANCUN, CN
[72] WANG, XIAOJUN, CN
[72] LIN, RUNFENG, CN
[72] CAO, SHENG TIAN, CN
[72] WANG, ZHAOHE, CN
[72] LI, JING, CN
[71] SUNSHINE LAKE PHARMA CO., LTD., CN
[85] 2014-10-30
[86] 2013-07-18 (PCT/CN2013/000860)
[87] (WO2014/012360)
[30] CN (201210250660.6) 2012-07-18

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[13] A1
[51] Int.Cl. B23K 35/30 (2006.01) B23K 1/00 (2006.01) B23P 6/04 (2006.01)
[25] EN
[54] **LOW MELTING POINT BRAZE ALLOY FOR HIGH TEMPERATURE APPLICATIONS**
[54] **ALLIAGE DE BRASAGE A POINT DE FUSION BAS POUR APPLICATIONS A HAUTE TEMPERATURE**
[72] OZBAYSAL, KAZIM, US
[72] PIEGERT, SEBASTIAN, DE
[71] SIEMENS ENERGY, INC., US
[85] 2014-10-29
[86] 2013-05-07 (PCT/US2013/039914)
[87] (WO2014/021968)
[30] US (13/467,402) 2012-05-09

[21] **2,872,115**
[13] A1
[51] Int.Cl. B67D 1/04 (2006.01)
[25] EN
[54] **DEVICE FOR EXTRACTING A BEVERAGE FROM WITHIN A CONTAINER**
[54] **DISPOSITIF D'EXTRACTION D'UNE BOISSON HORS D'UN CONTENANT**
[72] LAMBRECHT, GREGORY, US
[71] CORAVIN, INC., US
[85] 2014-10-30
[86] 2013-05-02 (PCT/US2013/039227)
[87] (WO2013/166258)
[30] US (61/641,874) 2012-05-02
[30] US (13/793,370) 2013-03-11

[21] **2,872,118**
[13] A1
[51] Int.Cl. C07D 403/14 (2006.01) A61K 31/4025 (2006.01) A61K 31/4178 (2006.01) A61P 31/12 (2006.01) C07D 401/14 (2006.01)
[25] EN
[54] **BRIDGED RING COMPOUNDS AS HEPATITIS C VIRUS (HCV) INHIBITORS AND PHARMACEUTICAL APPLICATIONS THEREOF**
[54] **COMPOSES CYCLIQUES PONTES EN TANT QU'INHIBITEURS DU VIRUS DE L'HEPATITE C (HCV) ET LEURS APPLICATIONS PHARMACEUTIQUES**
[72] ZHANG, YINGJUN, CN
[72] ZHANG, JIANCUN, CN
[72] XIE, HONGMING, CN
[72] REN, QINGYUN, CN
[72] TAN, YUMEI, CN
[72] LUO, HUICHAO, CN
[71] SUNSHINE LAKE PHARMA CO., LTD., CN
[85] 2014-10-30
[86] 2013-08-05 (PCT/CN2013/000915)
[87] (WO2014/019344)
[30] CN (201210273491.8) 2012-08-03
[30] CN (201310116933.2) 2013-04-03

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[21] **2,872,121**
[13] A1

[51] **Int.Cl. A61K 31/13 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **HIGH PENETRATION PRODRUG COMPOSITIONS AND PHARMACEUTICAL COMPOSITION THEREOF FOR TREATMENT OF PULMONARY CONDITIONS**
[54] **COMPOSITIONS DE PROMEDICAMENT A FORTE PENETRATION ET COMPOSITION PHARMACEUTIQUE ASSOCIEE POUR LE TRAITEMENT D'AFFECTIONS PULMONAIRES**
[72] YU, CHONGXI, US
[72] XU, LINA, CN
[71] TECHFIELDS PHARMA CO., LTD., CN
[71] YU, CHONGXI, US
[85] 2014-10-30
[86] 2013-03-15 (PCT/CN2013/072693)
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[30] CN (201210151555.7) 2012-05-16

[21] **2,872,124**
[13] A1

[51] **Int.Cl. C12N 15/05 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)**
[25] EN
[54] **TARGETED MODIFICATION OF MALATE DEHYDROGENASE**
[54] **MODIFICATION CIBLEE DE MALATE DESHYDROGENASE**
[72] SHUKLA, VIPULA, US
[72] GUPTA, MANJU, US
[72] URNOV, FYODOR, US
[72] GUSCHIN, DMITRY, US
[72] JAN DE BOTH, MICHEL, US
[72] BUNDOCK, PAUL, US
[72] SASTRY-DENT, LAKSHMI, US
[71] DOW AGROSCIENCES LLC, US
[71] SANGAMO BIOSCIENCES, INC., US
[85] 2014-10-30
[86] 2013-05-02 (PCT/US2013/039309)
[87] (WO2013/166315)
[30] US (61/641,776) 2012-05-02
[30] US (61/780,512) 2013-03-13

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[13] A1

[51] **Int.Cl. C12N 9/10 (2006.01) C12N 15/62 (2006.01) G01N 33/543 (2006.01) G01N 33/564 (2006.01)**
[25] EN
[54] **MULTIPLEX IMMUNO SCREENING ASSAY**
[54] **IMMUNOESSAI DE DEPISTAGE MULTIPLEXE**
[72] MANUGUERRA, JEAN-CLAUDE, FR
[72] VANHOMWEGEN, JESSICA, FR
[72] DESPRES, PHILIPPE, FR
[72] PAULOUS, SYLVIE, FR
[71] INSTITUT PASTEUR, FR
[85] 2014-10-30
[86] 2013-05-03 (PCT/EP2013/059312)
[87] (WO2013/164476)
[30] US (61/642,924) 2012-05-04
[30] EP (PCT/EP2012/074986) 2012-12-10

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[13] A1

[51] **Int.Cl. C12N 15/29 (2006.01) A01H 1/02 (2006.01) A01H 5/00 (2006.01) C07K 14/415 (2006.01) C12N 5/10 (2006.01) C12N 15/82 (2006.01) G06F 19/22 (2011.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **DIRIGENT GENE EG261 AND ITS ORTHOLOGS AND PARALOGS AND THEIR USES FOR PATHOGEN RESISTANCE IN PLANTS**
[54] **GENE DIRIGEANT EG261 ET SES ORTHOLOGUES ET PARALOGUES ET LEURS UTILISATIONS DANS LA RESISTANCE AUX PATHOGENES CHEZ LES PLANTES**
[72] MESSIER, WALTER, US
[71] EVOLUTIONARY GENOMICS, INC., US
[85] 2014-11-20
[86] 2013-05-23 (PCT/US2013/042382)
[87] (WO2013/177376)
[30] US (61/652,029) 2012-05-25
[30] US (61/789,463) 2013-03-15

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[13] A1

[51] **Int.Cl. G06F 13/00 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING APPARATUS, RENDERING APPARATUS, METHOD AND PROGRAM**
[54] **APPAREIL DE TRAITEMENT D'INFORMATIONS, APPAREIL, PROCEDE ET PROGRAMME DE RENDU**
[72] PERRIN, CYRIL, FR
[72] TAIT, ALEX, CA
[71] SQUARE ENIX HOLDINGS CO., LTD., JP
[85] 2014-05-26
[86] 2014-02-28 (PCT/JP2014/055886)
[87] (WO2014/136920)
[30] US (61/772,690) 2013-03-05

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[13] A1

[51] **Int.Cl. C12N 9/64 (2006.01) A23C 19/04 (2006.01)**
[25] EN
[54] **IMPROVED ENZYME VARIANTS**
[54] **VARIANTS ENZYMATIQUES AMELIORES**
[72] DEKKER, PETRUS JACOBUS THEODORUS, NL
[72] JONG DE, RENE MARCEL, NL
[72] TABELING, MICHAEL DENNIS, NL
[72] MUIJLWIJK, CORNELIS MARINUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2014-10-30
[86] 2013-05-03 (PCT/EP2013/059317)
[87] (WO2013/164481)
[30] EP (12166673.9) 2012-05-03
[30] US (61/642,095) 2012-05-03
[30] EP (12199277.0) 2012-12-21
[30] EP (12199178.0) 2012-12-21
[30] US (61/745,063) 2012-12-21

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **COMPOSITION**
[54] **COMPOSITION**
[72] MANDLER, MARKUS, AT
[72] ZAUNER, WOLFGANG, AT
[72] MATTNER, FRANK, AT
[72] SCHMIDT, WALTER, AT
[71] AFFIRIS AG, AT
[85] 2014-10-30
[86] 2013-04-30 (PCT/EP2013/059024)
[87] (WO2013/164354)
[30] EP (12166314.0) 2012-05-01

[21] **2,872,137**
[13] A1

[51] **Int.Cl. A63F 13/49 (2014.01) A63F 13/35 (2014.01) A63F 13/85 (2014.01)**
[25] EN
[54] **GAME SYSTEM, GAME APPARATUS, A METHOD OF CONTROLLING THE SAME, A PROGRAM, AND A STORAGE MEDIUM**
[54] **SYSTEME DE JEU, APPAREIL DE JEU, PROCEDE PERMETTANT DE COMMANDER CE DERNIER, PROGRAMME, ET SUPPORT DE STOCKAGE**
[72] PERRIN, CYRIL, FR
[72] TAIT, ALEX, CA
[71] SQUARE ENIX HOLDINGS CO., LTD., JP
[85] 2014-05-26
[86] 2014-01-30 (PCT/JP2014/052707)
[87] (WO2014/123169)
[30] US (61/761,374) 2013-02-06

[21] **2,872,138**
[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS**
[54] **COMPOSITIONS**
[72] MANDLER, MARKUS, AT
[72] GRUBER, PETRA, AT
[72] MATTNER, FRANK, AT
[72] SCHMIDT, WALTER, AT
[71] AFFIRIS AG, AT
[85] 2014-10-30
[86] 2013-04-30 (PCT/EP2013/059025)
[87] (WO2013/164355)
[30] EP (12166315.7) 2012-05-01

[21] **2,872,139**
[13] A1

[51] **Int.Cl. C08F 265/06 (2006.01) C04B 24/26 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING CLAY AND CLAY-BEARING AGGREGATES AND COMPOSITIONS THEREFOR**
[54] **PROCEDE POUR LE TRAITEMENT D'ARGILE ET D'AGREGATS ARGILEUX ET COMPOSITIONS S'Y RAPPORTANT**
[72] KUO, LAWRENCE, US
[72] TREGGER, NATHAN, US
[72] LEE, HO, KR
[72] KWON, O-IL, KR
[71] W.R. GRACE & CO.-CONN, US
[71] L'BESTE GAT LTD., KR
[85] 2014-10-30
[86] 2013-05-03 (PCT/EP2013/059303)
[87] (WO2013/164471)
[30] US (61/642,665) 2012-05-04

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[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHOD FOR ACCURATE SEQUENCING OF DNA**
[54] **PROCEDE DE SEQUENCAGE PRECIS D'ADN**
[72] OTWINOWSKI, ZBYSZEK, US
[72] BOREK, DOMINIKA, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2014-11-24
[86] 2013-05-28 (PCT/US2013/042949)
[87] (WO2013/181170)
[30] US (61/654,069) 2012-05-31

[21] **2,872,142**
[13] A1

[51] **Int.Cl. A61K 49/22 (2006.01)**
[25] EN
[54] **ULTRASOUND CONTACT FLUID**
[54] **FLUIDE DE CONTACT ULTRASONORE**
[72] SELBEKK, TORMOD, NO
[72] UNSGARD, GEIRMUND, NO
[71] SINVENT AS, NO
[85] 2014-10-30
[86] 2013-05-08 (PCT/EP2013/059588)
[87] (WO2013/167654)
[30] NO (20120529) 2012-05-09

[21] **2,872,143**
[13] A1

[51] **Int.Cl. F04D 17/12 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01) F04D 29/58 (2006.01)**
[25] EN
[54] **PRESSURE EQUALIZER**
[54] **DISPOSITIF D'EQUILIBRAGE DE PRESSION**
[72] MARIOTTI, MASSIMILIANO, IT
[72] CAGNARINI, CLAUDIA, IT
[72] DEL MEDICO, FRANCESCO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2014-10-30
[86] 2013-05-08 (PCT/EP2013/059609)
[87] (WO2013/167664)
[30] IT (CO 2012 A 000024) 2012-05-09

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[13] A1

[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **SHEATH PROTECTING A CANNULA, AND SAFETY SYRINGE COMPRISING SAID SHEATH**
[54] **GAINE PROTEGEANT UNE CANULE, ET SERINGUE DE SECURITE COMPRENANT LADITE GAINE**
[72] WOLLBOLD, JURGEN, FR
[72] COMBES, CHRISTOPHE, FR
[72] LAMBERT, GREGORY, FR
[72] HAAS, JEROME, FR
[72] ARNAUD, CECILE, FR
[71] SOFIC (STE FRANCAISE D'INSTRUMENTS DE CHIRURGIE), FR
[85] 2014-10-30
[86] 2013-05-03 (PCT/EP2013/059310)
[87] (WO2013/164475)
[30] EP (PCT/EP2012/058160) 2012-05-03

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[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) C07K 16/16 (2006.01)**

[25] EN

[54] **CRYSTALLIZATION METHODS FOR PURIFICATION OF MONOCLONAL ANTIBODIES**

[54] **PROCEDES DE CRISTALLISATION POUR LA PURIFICATION D'ANTICORPS MONOCLONAUX**

[72] HEKMAT, DARIUSCH, DE

[72] HELK, BERNHARD, CH

[72] SCHULZ, HENK KONRAD, CH

[72] SMEJKAL, BENJAMIN, DE

[71] NOVARTIS AG, CH

[85] 2014-10-30

[86] 2013-05-10 (PCT/EP2013/059696)

[87] (WO2013/167720)

[30] US (61/645,855) 2012-05-11

[21] **2,872,146**
[13] A1

[51] **Int.Cl. C03C 10/00 (2006.01) A61C 13/00 (2006.01) A61K 6/027 (2006.01) C03B 32/02 (2006.01) C03C 3/083 (2006.01) C03C 3/085 (2006.01) C03C 3/095 (2006.01) C03C 3/097 (2006.01) C03C 4/00 (2006.01) C04B 35/16 (2006.01)**

[25] EN

[54] **PRE-SINTERED BLANK FOR DENTAL PURPOSES**

[54] **EBAUCHE PREFRITTEE A USAGE DENTAIRE**

[72] BURKE, HARALD, AT

[72] RITZBERGER, CHRISTIAN, CH

[72] SCHWEIGER, MARCEL, CH

[72] RHEINBERGER, VOLKER, LI

[72] TAUCHI, DIANA, CH

[71] IVOCLAR VIVADENT AG, LI

[85] 2014-10-30

[86] 2013-05-10 (PCT/EP2013/059699)

[87] (WO2013/167722)

[30] EP (12167759.5) 2012-05-11

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[13] A1

[51] **Int.Cl. A61K 31/41 (2006.01) A61P 31/12 (2006.01) C07D 487/08 (2006.01)**

[25] EN

[54] **MACROCYCLIC AND PEPTIDOMIMETIC COMPOUNDS AS BROAD-SPECTRUM ANTIVIRALS AGAINST 3C OR 3C-LIKE PROTEASES OF PICORNAVIRUSES, CALICIVIRUSES AND CORONAVIRUSES**

[54] **COMPOSES MACROCYCLIQUES ET PEPTIDOMIMETIQUES EN TANT QU'ANTIVIRAUX A LARGE SPECTRE CONTRE DES PROTEASES 3C OU DE TYPE 3C DE PICORNAVIRUS, CALICIVIRUS ET CORONAVIRUS**

[72] CHANG, KYEONG-OK, US

[72] KIM, YUNJEONG, US

[72] GROUTAS, WILLIAM C., US

[71] KANSAS STATE UNIVERSITY RESEARCH FOUNDATION, US

[71] WICHITA STATE UNIVERSITY, US

[85] 2014-10-30

[86] 2013-05-02 (PCT/US2013/039314)

[87] (WO2013/166319)

[30] US (61/641,552) 2012-05-02

[30] US (PCT/US2012/057609) 2012-09-27

[21] **2,872,148**
[13] A1

[51] **Int.Cl. C03C 3/083 (2006.01) A61C 13/00 (2006.01) A61K 6/027 (2006.01) C03B 32/02 (2006.01) C03C 3/085 (2006.01) C03C 3/095 (2006.01) C03C 3/097 (2006.01) C03C 4/00 (2006.01) C03C 10/00 (2006.01) C04B 35/16 (2006.01)**

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[54] **PRE-SINTERED BLANK FOR DENTAL PURPOSES**

[54] **EBAUCHE PREFRITTEE A USAGE DENTAIRE**

[72] BURKE, HARALD, AT

[72] RITZBERGER, CHRISTIAN, CH

[72] SCHWEIGER, MARCEL, CH

[72] RHEINBERGER, VOLKER, LI

[71] IVOCLAR VIVADENT AG, LI

[85] 2014-10-30

[86] 2013-05-10 (PCT/EP2013/059700)

[87] (WO2013/167723)

[30] EP (12167760.3) 2012-05-11

[21] **2,872,149**
[13] A1

[51] **Int.Cl. G01N 33/542 (2006.01) G01N 33/569 (2006.01) G01N 33/58 (2006.01)**

[25] EN

[54] **VIABILITY STAINING METHOD**

[54] **PROCEDE DE COLORATION LIEE A LA VIABILITE**

[72] STIMPSON, ERIC, US

[71] CHARLES RIVER LABORATORIES, INC., US

[85] 2014-10-30

[86] 2013-05-02 (PCT/US2013/039347)

[87] (WO2013/166336)

[30] US (61/641,805) 2012-05-02

[30] US (61/784,759) 2013-03-14

[21] **2,872,150**
[13] A1

[51] **Int.Cl. G01J 3/453 (2006.01) G01J 3/02 (2006.01) G02B 26/08 (2006.01)**

[25] EN

[54] **MICROELECTROMECHANICAL SYSTEM (MEMS) AND (MEM) OPTICAL INTERFEROMETER FOR HYPER-SPECTRAL IMAGING AND ANALYSIS**

[54] **SYSTEME MICROELECTROMECHANIQUE (MEMS) ET INTERFEROMETRE OPTIQUE**

[54] **MICROELECTROMECHANIQUE (MEM) POUR L'IMAGERIE ET L'ANALYSE HYPERSPECTRALE**

[72] MOSHE, DANNY S., IL

[71] GREEN VISION SYSTEMS LTD., IL

[85] 2014-10-30

[86] 2012-05-02 (PCT/IB2012/052195)

[87] (WO2012/150557)

[30] US (61/481,269) 2011-05-02

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[13] A1
[51] **Int.Cl. H01F 38/14 (2006.01) H01F 27/36 (2006.01) H01Q 17/00 (2006.01)**
[25] EN
[54] **ARRANGEMENT FOR PROVIDING VEHICLES WITH ENERGY COMPRISING MAGNETIZABLE MATERIAL**
[54] **SYSTEME POUR ALIMENTER DES VEHICULES EN ENERGIE COMPRENANT UN MATERIAU MAGNETISABLE**
[72] CZAINSKI, ROBERT, PL
[71] BOMBARDIER TRANSPORTATION GMBH, DE
[85] 2014-10-30
[86] 2013-05-14 (PCT/EP2013/059952)
[87] (WO2013/171220)
[30] GB (1208508.0) 2012-05-14

[21] **2,872,152**
[13] A1
[51] **Int.Cl. E21B 17/08 (2006.01) E21B 33/12 (2006.01) E21B 43/10 (2006.01)**
[25] EN
[54] **SEAL STEM**
[54] **TIGE D'ETANCHEITE**
[72] GIVENS, GEORGE, US
[72] TURLEY, ROCKY A., US
[71] WEATHERFORD/LAMB, INC., US
[85] 2014-10-30
[86] 2013-05-03 (PCT/US2013/039417)
[87] (WO2013/166359)
[30] US (61/642,340) 2012-05-03
[30] US (13/837,881) 2013-03-15

[21] **2,872,154**
[13] A1
[51] **Int.Cl. C07D 513/04 (2006.01) A61K 31/542 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **HETEROCYCLIC SUBSTITUTED HEXAHYDROPYRANO [3,4-D] [1,3] THIAZIN-2-AMINE COMPOUNDS AS INHIBITORS OF APP, BACE1 AND BACE 2**
[54] **COMPOSES D'HEXAHYDROPYRANO[3,4-D][1,3]THIAZIN-2-AMINE SUBSTITUES PAR DES HETEROCYCLIQUES A TITRE D'INHIBITEURS D'APP, BACE1 ET BACE2**
[72] BECK, ELIZABETH MARY, US
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] DAVOREN, JENNIFER ELIZABETH, US
[72] O'NEILL, BRIAN THOMAS, US
[71] PFIZER INC., US
[85] 2014-10-30
[86] 2013-04-22 (PCT/IB2013/053178)
[87] (WO2013/164730)
[30] US (61/642,480) 2012-05-04

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[54] **DRUG PRESCRIBING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENTS**
[72] TAKAMATSU, AKIRA, JP
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP
[85] 2014-10-21
[86] 2013-04-19 (PCT/JP2013/061601)
[87] (WO2013/161694)
[30] JP (2012-098648) 2012-04-24

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[51] **Int.Cl. A01K 29/00 (2006.01) F21V 5/04 (2006.01)**
[25] EN
[54] **LED LUMINAIRE FOR USE IN DAIRY BARN**
[54] **LUMINAIRE A DEL, A UTILISER DANS DES ETABLES DE BOVINS LAITIERS**
[72] ALFERINK, ROBERTUS GERARDUS, NL
[71] DELAVAL HOLDING AB, SE
[85] 2014-10-30
[86] 2013-05-22 (PCT/EP2013/060462)
[87] (WO2013/174841)
[30] NL (2008849) 2012-05-22

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[13] A1
[51] **Int.Cl. A23L 3/02 (2006.01) B01F 11/00 (2006.01) B65B 55/02 (2006.01) B65B 55/14 (2006.01) B06B 1/10 (2006.01)**
[25] EN
[54] **METHODS FOR MIXING PRODUCTS USING ACOUSTIC MIXING**
[54] **PROCEDES DE MELANGE DE PRODUITS PAR UTILISATION D'UN MELANGE ACOUSTIQUE**
[72] BATMAZ, EDIZ, US
[71] NESTEC S.A., CH
[85] 2014-10-30
[86] 2013-04-30 (PCT/IB2013/053416)
[87] (WO2013/164766)
[30] US (61/641,542) 2012-05-02

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[13] A1
[51] **Int.Cl. E21B 19/24 (2006.01) E21B 10/43 (2006.01)**
[25] EN
[54] **OILFIELD DOWNHOLE WELLBORE SECTION MILL**
[54] **FRAISE DE SECTION DE FOND DE TROU DE FORAGE**
[72] HUTCHINSON, FLOYD J., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-10-30
[86] 2013-05-03 (PCT/US2013/039538)
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[30] US (61/643,198) 2012-05-04
[30] US (13/886,020) 2013-05-02

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[51] **Int.Cl. A44C 17/02 (2006.01)**
[25] EN
[54] **INVISIBLE SETTING AND METHODS AND TOOLS FOR EFFECTING SAME**
[54] **MONTURE INVISIBLE ET PROCEDES ET OUTILS POUR SA REALISATION**
[72] HUYNH, KHANH TAN, AU
[71] GRAND RAINBOW INTERNATIONAL LIMITED, CN
[85] 2014-10-30
[86] 2013-05-01 (PCT/IB2013/053442)
[87] (WO2013/164771)
[30] US (13/461,860) 2012-05-02

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[51] **Int.Cl. A61K 38/13 (2006.01) A61K 31/41 (2006.01) A61K 31/497 (2006.01)**
[25] EN
[54] **PHARMACOKINETIC MODULATION WITH ALISPORIVIR**
[54] **MODULATION PHARMACOCINETIQUE PAR DE L'ALISPORIVIR**
[72] KOVACS, STEVEN, US
[72] KE, JUNE, US
[71] NOVARTIS AG, CH
[85] 2014-10-30
[86] 2013-05-06 (PCT/US2013/039622)
[87] (WO2013/169616)
[30] US (61/643,545) 2012-05-07

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[51] **Int.Cl. G06F 3/042 (2006.01)**
[25] EN
[54] **TOUCH-SENSITIVE DEVICE AND DETECTION METHOD**
[54] **DISPOSITIF TACTILE ET PROCEDE DE DETECTION**
[72] LEVI, ALESSANDRO, IT
[72] BECCAI, LUCIA, IT
[72] PIOVANELLI, MATTEO, IT
[72] FURLAN, SILVANO, IT
[72] MAZZOLAI, BARBARA, IT
[71] FONDAZIONE ISTITUTO ITALIANO DI TECNOLOGIA, IT
[85] 2014-10-30
[86] 2013-05-10 (PCT/IB2013/053786)
[87] (WO2013/168127)
[30] IT (MI2012A000813) 2012-05-11

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[13] A1

[51] **Int.Cl. E01H 5/04 (2006.01)**
[25] EN
[54] **SNOW PLOW-BLOWER**
[54] **SOUFFLANTE DE CHASSE-NEIGE**
[72] FAVORITO, PAUL, US
[72] MARINO, FRANCESCO, US
[71] FAVORITO, PAUL, US
[85] 2014-10-30
[86] 2013-04-30 (PCT/US2013/000124)
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[30] US (61/687,764) 2012-05-02
[30] US (13/694,260) 2012-11-13

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[51] **Int.Cl. G07F 17/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONDUCTING FANTASY SPORTS TOURNAMENTS**
[54] **SYSTEMES ET PROCEDES DE CONDUITE DE TOURNOIS SPORTIFS VIRTUELS**
[72] GIVANT, PHILIP PAUL, US
[71] GIVANT, PHILIP PAUL, US
[85] 2014-10-30
[86] 2013-07-18 (PCT/US2013/000168)
[87] (WO2014/014492)
[30] US (61/741,463) 2012-07-19
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[13] A1

[51] **Int.Cl. A23G 1/22 (2006.01) A23G 1/00 (2006.01) A23G 3/02 (2006.01) A23G 3/34 (2006.01) A23G 9/22 (2006.01)**
[25] EN
[54] **MOLD WITH OPTIMIZED HEAT TRANSFER PROPERTIES**
[54] **MOULE DOTE DE PROPRIETES DE TRANSFERT DE CHALEUR OPTIMISEES**
[72] ROCKLAGE, BERNARD, DE
[72] TALMON-GROS, MICHAEL, DE
[72] LOESER, ULRICH, DE
[72] HAUGER, RUDOLF, DE
[71] KRAFT FOODS R & D, INC., US
[85] 2014-10-30
[86] 2013-05-23 (PCT/EP2013/060607)
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[30] GB (1209662.4) 2012-05-30

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[51] **Int.Cl. B61H 13/30 (2006.01) B61H 3/00 (2006.01) F16D 49/14 (2006.01)**
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[54] **EMPTY-LOAD DEVICE FEEDBACK ARRANGEMENT**
[54] **AGENCEMENT DE RETROACTION DE DISPOSITIF VIDE-CHARGE**
[72] HAAS, CARL L., US
[72] GAUGHAN, EDWARD W., US
[71] WABTEC HOLDING CORP., US
[85] 2014-10-30
[86] 2013-02-26 (PCT/US2013/027715)
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[30] US (13/493,238) 2012-06-11

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[13] A1

[51] **Int.Cl. C07H 1/00 (2006.01) A61P 31/12 (2006.01) C07H 19/06 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PREPARATION OF 2-DEOXY-2-FLUORO-2-METHYL-D-RIBOFURANOSYL NUCLEOSIDE COMPOUNDS**
[54] **PROCEDE POUR LA PREPARATION DE COMPOSES DE NUCLEOSIDE DE 2-DEOXY-2-FLUORO-2-METHYL-D-RIBOFURANOSYLE**
[72] CARR, ROBERT T., US
[72] HILDBRAND, STEFAN, CH
[72] HODGES, L. MARK, US
[72] KAMMERER, MICHAEL, CH
[72] LANG, JOHN F., US
[72] LAWRIEMORE, WILLIAM J., III, US
[72] NGUYEN, DIEU, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-30
[86] 2013-05-27 (PCT/EP2013/060836)
[87] (WO2013/178571)
[30] EP (12169760.1) 2012-05-29

[21] **2,872,173**
[13] A1

[51] **Int.Cl. C05G 5/00 (2006.01) A01N 25/04 (2006.01) B01J 13/06 (2006.01) C05D 1/00 (2006.01) C05D 3/00 (2006.01) C05D 5/00 (2006.01) C05D 9/00 (2006.01) C05G 3/00 (2006.01)**

[25] EN

[54] **METHODS FOR RENDERING MICELLAR COORDINATION COMPLEXES SAFE FOR THE TREATMENT OF PLANTS AND FORMULATIONS FOR SAME**

[54] **PROCEDES DESTINES A RENDRE SURS DES COMPLEXES DE COORDINATION MICELLAIRE POUR LE TRAITEMENT DE PLANTES ET FORMULATIONS ASSOCIEES**

[72] NONOMURA, ARTHUR M., US
[71] NONOMURA, ARTHUR M., US
[85] 2014-10-30
[86] 2013-03-07 (PCT/US2013/029535)
[87] (WO2013/176731)
[30] US (61/649,422) 2012-05-21

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[13] A1

[51] **Int.Cl. C07C 5/333 (2006.01) B01J 6/00 (2006.01) B01J 31/12 (2006.01) C07C 11/02 (2006.01)**

[25] EN

[54] **PROCESSES AND CATALYSTS FOR CONVERTING ALKANES TO ALKENES**

[54] **PROCEDES ET CATALYSEURS POUR CONVERTIR LES ALCANES EN ALCENES**

[72] MILLER, JORGE, US
[72] KLING MILLER, LUISA, US
[72] STUCKY, BARRY L., US
[71] SAJET DEVELOPMENT LLC, US
[85] 2014-10-30
[86] 2013-05-06 (PCT/US2013/039714)
[87] (WO2013/173104)
[30] US (61/648,185) 2012-05-17

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[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01) G01N 35/00 (2006.01)**

[25] EN

[54] **DEVICE FOR ISOLATING AN ANALYTE FROM A SAMPLE, AND METHODS OF USE**

[54] **DISPOSITIF POUR ISOLER UN ANALYTE A PARTIR D'UN ECHANTILLON, ET PROCEDES D'UTILISATION**

[72] CRAMER, ASHLEY D., US
[72] FISHER, MARK J., US
[72] GROVES, JACQUELINE R., US
[72] KELSO, DAVID M., US
[72] MARKUS, LAWRENCE W., US
[72] PARPIA, ZAHEER, US
[72] SUR, KUNAL, US
[72] WESTBERG, TOM, US
[71] QUIDEL CORPORATION, US
[71] NORTHWESTERN UNIVERSITY, US
[85] 2014-10-30
[86] 2013-05-07 (PCT/US2013/039880)
[87] (WO2013/169730)
[30] US (61/644,390) 2012-05-08
[30] US (61/776,626) 2013-03-11

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[13] A1

[51] **Int.Cl. C08L 83/10 (2006.01) C08G 77/42 (2006.01)**

[25] EN

[54] **MOISTURE CURABLE ORGANOPOLYSILOXANE COMPOSITION**

[54] **COMPOSITION D'ORGANOPOLYSILOXANE DURCISSABLE A L'HUMIDITE**

[72] PATEL, MIHIRKUMAR MAHESHBAL, IN
[72] MOHAMMAD, AMJAD BASHA, IN
[72] DINKAR, SUMI, IN
[72] DHANABALAN, ANANTHARAMAN, IN
[71] MOMENTIVE PERFORMANCE MATERIALS INC., US
[85] 2014-10-30
[86] 2013-03-07 (PCT/US2013/029623)
[87] (WO2013/165552)
[30] US (61/641,438) 2012-05-02

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[13] A1

[51] **Int.Cl. C07D 417/12 (2006.01) A61K 31/541 (2006.01) A61P 25/28 (2006.01)**

[25] EN

[54] **5-AMINO[1,4]THIAZINES AS BACE 1 INHIBITORS**

[54] **5-AMINO[1,4]THIAZINES COMME INHIBITEURS DE BACE1**

[72] HILPERT, HANS, CH
[72] WOLTERING, THOMAS, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-29
[86] 2013-05-21 (PCT/EP2013/060352)
[87] (WO2013/174781)
[30] EP (12169353.5) 2012-05-24

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[13] A1

[51] **Int.Cl. A61B 17/92 (2006.01) A61B 17/16 (2006.01)**

[25] EN

[54] **ELECTRIC MOTOR DRIVEN TOOL FOR ORTHOPEDIC IMPACTING**

[54] **OUTIL ACTIONNE PAR UN MOTEUR ELECTRIQUE POUR IMPACTION ORTHOPEDIQUE**

[72] PEDICINI, CHRISTOPHER, US
[71] MEDICAL ENTERPRISES, LLC, US
[85] 2014-10-30
[86] 2013-03-08 (PCT/US2013/029944)
[87] (WO2013/169334)
[30] US (13/466,870) 2012-05-08

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[13] A1

[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/536 (2006.01) A61P 25/00 (2006.01) C07D 265/12 (2006.01)**

[25] EN

[54] **DIFLUORO-HEXAHYDRO-CYCLOPENTAOXAZINYL AND DIFLUORO-HEXAHYDRO-BENZOOXAZINYL AS BACE1 INHIBITORS**

[54] **DIFLUORO-HEXAHYDRO-CYCLOPENTAOXAZINYL ET DIFLUORO-HEXAHYDRO-BENZOOXAZINYLE EN TANT QU'INHIBITEURS DE BACE1**

[72] HILPERT, HANS, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-29
[86] 2013-06-24 (PCT/EP2013/063086)
[87] (WO2014/001228)
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[13] A1

[51] **Int.Cl. A61B 17/92 (2006.01) A61B 17/16 (2006.01)**

[25] EN

[54] **ELECTRIC MOTOR DRIVEN TOOL FOR ORTHOPEDIC IMPACTING**

[54] **OUTIL ACTIONNE PAR UN MOTEUR ELECTRIQUE POUR IMPACTION ORTHOPEDIQUE**

[72] PEDICINI, CHRISTOPHER, US

[71] MEDICAL ENTERPRISES, LLC, US

[85] 2014-10-30

[86] 2013-03-08 (PCT/US2013/029962)

[87] (WO2013/169335)

[30] US (13/466,870) 2012-05-08

[30] US (61/682,915) 2012-08-14

[30] US (61/734,539) 2012-12-07

[30] US (13/790,870) 2013-03-08

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[13] A1

[51] **Int.Cl. A01H 1/00 (2006.01) A01N 57/00 (2006.01)**

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[54] **CORN EVENT MON 87411**

[54] **EVENEMENT DE MAIS MON 87411**

[72] BURNS, WEN C., US

[72] CHAY, CATHERINE A., US

[72] CLONINGER, CHERYL L., US

[72] DENG, MINGQI, US

[72] FLASINSKI, STANISLAW, US

[72] WU, KUNSHENG, US

[71] MONSANTO TECHNOLOGY LLC, US

[85] 2014-10-30

[86] 2013-05-08 (PCT/US2013/040173)

[87] (WO2013/169923)

[30] US (61/644,368) 2012-05-08

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[13] A1

[51] **Int.Cl. A61K 39/00 (2006.01) C07K 16/44 (2006.01)**

[25] EN

[54] **ANTI-THEOPHYLLINE ANTIBODIES AND METHODS OF USE**

[54] **ANTICORPS ANTI-THEOPHYLLINE ET PROCEDES D'UTILISATION CORRESPONDANTS**

[72] BRINKMANN, ULRICH, DE

[72] GEORGES, GUY, DE

[72] HOFFMANN, EIKE, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2014-10-29

[86] 2013-07-04 (PCT/EP2013/064090)

[87] (WO2014/006118)

[30] EP (12174958.4) 2012-07-04

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[13] A1

[51] **Int.Cl. G01L 19/06 (2006.01)**

[25] EN

[54] **PRESSURE TRANSMITTER WITH HYDROGEN GETTER**

[54] **TRANSMETTEUR DE PRESSION AVEC GETTER D'HYDROGENE**

[72] HEDTKE, ROBERT C., US

[71] ROSEMOUNT INC., US

[85] 2014-10-30

[86] 2013-03-12 (PCT/US2013/030399)

[87] (WO2013/176737)

[30] US (13/477,418) 2012-05-22

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[13] A1

[51] **Int.Cl. F01D 5/18 (2006.01)**

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[54] **ASYMMETRICALLY SHAPED TRAILING EDGE COOLING HOLES**

[54] **TROUS DE REFROIDISSEMENT DE BORD DE FUITE DE FORME ASYMETRIQUE**

[72] BERGHOLZ, ROBERT FREDERICK, JR., US

[72] DURSTOCK, DANIEL LEE, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2014-10-30

[86] 2013-05-09 (PCT/US2013/040281)

[87] (WO2014/031189)

[30] US (61/645,008) 2012-05-09

[30] US (13/470,792) 2012-05-14

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[13] A1

[51] **Int.Cl. C12N 5/0789 (2010.01) A61P 25/00 (2006.01) C12N 5/10 (2006.01)**

[25] EN

[54] **METHODS AND COMPOSITIONS FOR TREATMENT OF TRAUMATIC BRAIN INJURY AND FOR MODULATION OF MIGRATION OF NEUROGENIC CELLS**

[54] **PROCEDES ET COMPOSITIONS DESTINES AU TRAITEMENT D'UNE LESION CEREbraLE TRAUMATIQUE ET A LA MODULATION DE LA MIGRATION DE CELLULES NEUROGENES**

[72] BORLONGAN, CESAR V., US

[72] CASE, CASEY C., US

[71] SANBIO, INC., US

[71] UNIVERISTY OF SOUTH FLORIDA, US

[85] 2014-10-30

[86] 2013-03-13 (PCT/US2013/030895)

[87] (WO2013/172944)

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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/00 (2006.01) A61M 25/01 (2006.01) A61M 25/09 (2006.01)**

[25] EN

[54] **MULTI-ELECTRODE CATHETER ASSEMBLIES FOR RENAL NEUROMODULATION AND ASSOCIATED SYSTEMS AND METHODS**

[54] **ENSEMBLES CATHETERS A MULTI-ELECTRODES UTILISES DANS LA NEUROMODULATION RENALE ET SYSTEMES ET PROCEDES ASSOCIES**

[72] CHANG, WILLIAM W., US

[72] GOSHGARIAN, JUSTIN, US

[72] MAUCH, KEVIN, US

[72] RIVERA, LEONILA, US

[72] SHIN, SUKYOUNG, US

[72] TRAN, DON H., US

[71] MEDTRONIC ARDIAN LUXEMBOURG SARI., LU

[85] 2014-10-29

[86] 2013-03-11 (PCT/US2013/030207)

[87] (WO2013/169340)

[30] US (61/646,218) 2012-05-11

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[51] **Int.Cl. C07D 403/12 (2006.01) C07D 249/08 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **NUCLEAR TRANSPORT MODULATORS AND USES THEREOF**
[54] **MODULATEURS DU TRANSPORT NUCLEAIRE ET LEURS UTILISATIONS**
[72] SANDANAYAKA, VINCENT P., US
[72] SHECHTER, SHARON, US
[72] SHACHAM, SHARON, US
[72] MCCAULEY, DILARA, US
[72] BALOGLU, ERKAN, US
[71] KARYOPHARM THERAPEUTICS, INC., US
[85] 2014-10-30
[86] 2013-05-09 (PCT/US2013/040404)
[87] (WO2013/170068)
[30] US (61/644,802) 2012-05-09
[30] US (61/798,188) 2013-03-15

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[13] A1
[51] **Int.Cl. G01N 33/66 (2006.01) A61B 5/15 (2006.01) G01N 33/49 (2006.01)**
[25] EN
[54] **REPLACEABLE MULTISTRIP CARTRIDGE AND BIOSENSOR METER**
[54] **CARTOUCHE A MULTIBANDE REMPLACABLE ET DISPOSITIF DE MESURE A BIOCAPTEUR**
[72] REYNOLDS, JEFFREY S., US
[72] SAMS, ROBERT S., US
[72] YAO, SIMIN, US
[72] PRAIS, EUGENE, US
[72] BOTTA, MICHAEL A., US
[72] CHARLTON, STEVEN C., US
[72] KOKIC, MIRZA, US
[71] BAYER HEALTHCARE LLC, US
[85] 2014-10-30
[86] 2013-03-13 (PCT/US2013/030897)
[87] (WO2013/180804)
[30] US (61/653,603) 2012-05-31

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[13] A1
[51] **Int.Cl. C07K 16/44 (2006.01)**
[25] EN
[54] **ANTI-BIOTIN ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS ANTI-BIOTINE ET PROCEDES D'UTILISATION CORRESPONDANTS**
[72] BRINKMANN, ULRICH, DE
[72] GEORGES, GUY, DE
[72] GROTE, MICHAEL, DE
[72] HOFFMANN, EIKE, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-29
[86] 2013-07-04 (PCT/EP2013/064099)
[87] (WO2014/006123)
[30] EP (12174957.6) 2012-07-04

[21] **2,872,193**
[13] A1
[51] **Int.Cl. C07K 14/47 (2006.01)**
[25] EN
[54] **CELL PENETRATING PEPTIDES TO TARGET EIF4E**
[54] **PEPTIDES PENETRANT DANS UNE CELLULE POUR CIBLER EIF4E**
[72] DANHO, WALEED, US
[72] FOTOUHI, NADER, US
[72] HAN, YI, US
[72] KHAN, WAJIIHA, US
[72] MILLETTI, FRANCESCA, US
[72] NUI, HUIFENG, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-29
[86] 2013-07-05 (PCT/EP2013/064209)
[87] (WO2014/009259)
[30] US (61/669,207) 2012-07-09

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[13] A1
[51] **Int.Cl. C07K 16/32 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C07K 16/40 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING TWO ANTIBODIES ENGINEERED TO HAVE REDUCED AND INCREASED EFFECTOR FUNCTION**
[54] **COMPOSITION COMPRENANT DEUX ANTICORPS GENETIQUEMENT MODIFIES POUR AVOIR UNE FONCTION EFFECTRICE REDUITE ET ACCRUE**
[72] GERDES, CHRISTIAN, CH
[72] KLEIN, CHRISTIAN, CH
[72] NICOLINI, VALERIA G., CH
[72] UMANA, PABLO, CH
[71] ROCHE GLYCART AG, CH
[85] 2014-10-29
[86] 2013-08-05 (PCT/EP2013/066351)
[87] (WO2014/023679)
[30] EP (12179473.9) 2012-08-07

[21] **2,872,196**
[13] A1
[51] **Int.Cl. H01M 8/24 (2006.01) H01M 8/04 (2006.01)**
[25] EN
[54] **A FUEL CELL ASSEMBLY**
[54] **ENSEMBLE PILE A COMBUSTIBLE**
[72] HOOD, PETER DAVID, GB
[71] INTELLIGENT ENERGY LIMITED, GB
[85] 2014-10-29
[86] 2013-04-24 (PCT/GB2013/051041)
[87] (WO2013/164572)
[30] GB (1207582.6) 2012-05-01
[30] GB (1222166.9) 2012-12-10

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[51] **Int.Cl. F16B 11/00 (2006.01) F16B 43/00 (2006.01) F16J 15/06 (2006.01)**

[25] EN

[54] **BUSH ASSEMBLY**

[54] **ENSEMBLE DE COUSSINET**

[72] WILSON, JAMES, GB

[72] QUAYLE, ALAN, GB

[72] HADLEY, PAUL, GB

[72] WEST, COLIN JOHN, GB

[72] CARRICK, SIMON, GB

[72] MONTEITH, JOHN, GB

[72] MASON, PETER, GB

[71] AIRBUS OPERATIONS LIMITED, GB

[85] 2014-10-29

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[87] (WO2013/164580)

[30] GB (1207511.5) 2012-04-30

[21] **2,872,202**
[13] A1

[51] **Int.Cl. C09K 8/12 (2006.01) C09K 8/42 (2006.01) C09K 8/508 (2006.01) C09K 8/62 (2006.01) C09K 8/72 (2006.01) D01F 6/62 (2006.01)**

[25] EN

[54] **POLYGLYCOLIC ACID RESIN SHORT FIBERS FOR USE IN WELL TREATMENT FLUID**

[54] **FIBRES DE RESINE D'ACIDE POLYGLYCOLIQUE COURTES, DESTINEES A ETRE UTILISEES DANS UN FLUIDE DE TRAITEMENT DE PUITS**

[72] ABE, SHUNSUKE, JP

[72] YAMAZAKI, MASAHIRO, JP

[72] TAKAHASHI, TAKEO, JP

[72] SATO, HIROYUKI, JP

[72] SUZUKI, KENICHI, JP

[71] KUREHA CORPORATION, JP

[85] 2014-09-26

[86] 2013-04-22 (PCT/JP2013/061768)

[87] (WO2013/161754)

[30] JP (2012-103469) 2012-04-27

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[13] A1

[51] **Int.Cl. G02B 27/09 (2006.01) G02B 21/10 (2006.01) G02B 27/10 (2006.01) G02B 27/12 (2006.01) H04N 9/31 (2006.01)**

[25] EN

[54] **WAVEGUIDE ASSEMBLY**

[54] **ENSEMBLE GUIDE D'ONDES**

[72] COPNER, NIGEL JOSEPH, GB

[72] YANDLE, RONALD, GB

[71] CYMTEC LIMITED, GB

[85] 2014-10-29

[86] 2013-04-29 (PCT/GB2013/051086)

[87] (WO2013/167867)

[30] GB (1208267.3) 2012-05-11

[21] **2,872,205**
[13] A1

[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/5517 (2006.01) A61P 31/04 (2006.01)**

[25] EN

[54] **PYRROLOBENZODIAZEPINES**

[54] **PYRROLOBENZODIAZEPINES**

[72] HOWARD, PHILIP WILSON, GB

[72] THURSTON, DAVID EDWIN, GB

[72] RAHMAN, KHONDAKER MIRAZUR, GB

[72] TAYLOR, PETER WILLIAM, GB

[71] UCL BUSINESS PLC, GB

[71] SPIROGEN SARL, CH

[85] 2014-10-29

[86] 2013-04-30 (PCT/GB2013/051097)

[87] (WO2013/164592)

[30] US (61/640,316) 2012-04-30

[21] **2,872,208**
[13] A1

[51] **Int.Cl. H01M 8/24 (2006.01) H01M 8/00 (2006.01) H01M 8/10 (2006.01)**

[25] EN

[54] **FUEL CELL STACK ASSEMBLY**

[54] **ENSEMBLE EMPILEMENT DE CELLULES DE PILE A COMBUSTIBLE**

[72] HOOD, PETER DAVID, GB

[71] INTELLIGENT ENERGY LIMITED, GB

[85] 2014-10-29

[86] 2013-04-30 (PCT/GB2013/051107)

[87] (WO2013/164600)

[30] GB (1207568.5) 2012-05-01

[21] **2,872,210**
[13] A1

[51] **Int.Cl. A61K 31/137 (2006.01) A61K 31/17 (2006.01) A61P 33/14 (2006.01)**

[25] EN

[54] **TOPICAL PHARMACEUTICAL COMPOSITIONS COMPRISING TERBINAFIDE AND UREA**

[54] **COMPOSITIONS PHARMACEUTIQUES TOPIQUES COMPRENANT DE LA TERBINAFINE ET DE L'UREE**

[72] EVERS, DIRK-HEINRICH, DE

[72] FIELHAUER, SABINE, DE

[72] GORISSEN, SASCHA, DE

[72] HERBIG, MICHAEL, DE

[72] MALLWITZ, HENNING, DE

[72] WILLERS, CHRISTOPH, DE

[71] ALMIRALL, S.A., ES

[85] 2014-10-30

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[30] EP (12003791.6) 2012-05-14

[30] US (61/646,650) 2012-05-14

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[13] A1

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[25] EN

[54] **NEW DIAZASPIROCYCLOALKANE AND AZASPIROCYCLOALKANE**

[54] **NOUVEAUX COMPOSES DIAZASPIROCYCLOALKANE ET AZASPIROCYCLOALKANE**

[72] HUNZIKER, DANIEL, CH

[72] MATTEI, PATRIZIO, CH

[72] MAUSER, HARALD, CH

[72] PRUNOTTO, MARCO, CH

[72] ULLMER, CHRISTOPH, DE

[71] F. HOFFMANN-LA ROCHE AG, CH

[85] 2014-10-30

[86] 2013-06-10 (PCT/EP2013/061890)

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[30] EP (12171839.9) 2012-06-13

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[13] A1
[51] **Int.Cl. G01N 21/84 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR
DETECTING AN ANALYTE IN A
BODY FLUID**
[54] **PROCEDE ET DISPOSITIF DE
DETECTION D'UNE SUBSTANCE
A ANALYSER DANS UN FLUIDE
CORPOREL**
[72] DICKOPF, KAI, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-30
[86] 2013-06-17 (PCT/EP2013/062499)
[87] (WO2013/189880)
[30] EP (12173121.0) 2012-06-22

[21] **2,872,216**
[13] A1
[51] **Int.Cl. A61K 31/4709 (2006.01) A61K
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A61K 31/5377 (2006.01) A61K 45/06
(2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **COMBINATIONS COMPRISING
PDE 2 INHIBITORS SUCH AS 1-
ARYL-4-METHYL-
[1,2,4]TRIAZOLO [4,3-A]
QUINOXALINE COMPOUNDS
AND PDE 10 INHIBITORS FOR
USE IN THE TREATMENT OF
NEUROLOGICAL OR
METABOLIC
DISORDERS**
[54] **COMBINAISONS COMPRENANT
DES INHIBITEURS DE LA PDE 2
TELS QUE DES COMPOSES 1-
ARYL-4-METHYL-[1, 2, 4]
TRIAZOLO [4, 3-A]-
QUINOXALINE ET DES
INHIBITEURS DE LA PDE 10
POUR UTILISATION DANS LE
TRAITEMENT DE TROUBLES
NEUROLOGIQUES OU
METABOLIQUES**
[72] MEGENS, ANTONIUS ADRIANUS
HENDRIKUS PETRUS, BE
[72] LANGLOIS, XAVIER JEAN MICHEL,
BE
[72] VANHOOF, GRETA CONSTANTIA
PETER, BE
[72] ANDRES-GIL, JOSE IGNACIO, ES
[72] DE ANGELIS, MERI, DE
[72] BUIJNSTERS, PETER JACOBUS
JOHANNES ANTONIUS, BE
[72] TRABANCO-SUAREZ, ANDRES
AVELINO, ES
[72] ROMBOUTS, FREDERIK JAN RITA,
BE
[71] JANSSEN PHARMACEUTICA NV,
BE
[85] 2014-10-30
[86] 2013-06-25 (PCT/EP2013/063244)
[87] (WO2014/001314)
[30] EP (12173681.3) 2012-06-26

[21] **2,872,217**
[13] A1
[51] **Int.Cl. H05B 39/00 (2006.01) H02M
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[25] EN
[54] **MODULAR CONSTANT CURRENT
REGULATOR**
[54] **REGULATEUR A COURANT
CONSTANT MODULAIRE**
[72] DELLACORNA, LORENZO, IT
[72] CANETTA, FEDERICO, IT
[71] ADB BVBA, BE
[85] 2014-10-30
[86] 2013-06-26 (PCT/EP2013/063421)
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[21] **2,872,224**
[13] A1
[51] **Int.Cl. B60L 11/18 (2006.01) B60K
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H02J 5/00 (2006.01) H05K 5/00
(2006.01)**
[25] EN
[54] **INDUCTIVE PICK-UP
ARRANGEMENT FOR AN
ELECTRIC VEHICLE AND
METHOD OF OPERATING AN
ELECTRIC VEHICLE**
[54] **AGENCEMENT DE CAPTAGE
INDUCTIF POUR VEHICULE
ELECTRIQUE ET PROCEDE
D'EXPLOITATION D'UN
VEHICULE ELECTRIQUE**
[72] DESIRE, BERTRAND, DE
[72] BOEDT, SONJA, BE
[72] LISCHKE, STEFAN, DE
[71] BOMBARDIER TRANSPORTATION
GMBH, DE
[85] 2014-10-30
[86] 2013-05-13 (PCT/EP2013/059842)
[87] (WO2013/167757)
[30] GB (1208387.9) 2012-05-11

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[13] A1

[51] **Int.Cl. C12N 9/24 (2006.01) A23K 1/165 (2006.01) C11D 3/386 (2006.01) C12N 1/21 (2006.01) C12N 9/42 (2006.01) C12N 15/52 (2006.01) C12N 15/56 (2006.01) D06M 16/00 (2006.01)**

[25] EN

[54] **NOVEL PROTEINS FOR THE TREATMENT OF CELLULOSIC MATERIAL**

[54] **NOUVELLES PROTEINES POUR LE TRAITEMENT D'UNE MATIERE CELLULOSIQUE**

[72] MAKINEN, SUSANNA, FI
[72] JUNTUNEN, KARI, FI
[72] KOMANDER, ALEXANDRA, DE
[72] LANGFELDER, KIM, DE
[72] VEHEMAANPERA, JARI, FI
[72] PURANEN, TERHI, FI
[71] ROAL OY, FI
[85] 2014-10-30
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[30] FI (20125623) 2012-06-07

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[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/32 (2006.01)**

[25] EN

[54] **HUMANIZED PAN-HER ANTIBODY COMPOSITIONS**

[54] **COMPOSITIONS D'ANTICORPS PAN-HER HUMANISES**

[72] ANDERSEN, KIM VILBOUR, DK
[72] ANDERSEN, PETER SEJR, DK
[72] STRANDH, MAGNUS, SE
[72] KOEFOED, KLAUS, DK
[72] NIELSEN, LARS SOGAARD, DK
[72] PEDERSEN, MIKKEL WANDAHIL, DK
[72] JACOBSEN, HELLE, DK
[72] KRAGH, MICHAEL, DK
[72] KJAER, IDA, DK
[72] POULSEN, THOMAS TUXEN, DK
[72] LANTTO, JOHAN, SE
[71] SYMPHOGEN A/S, DK
[85] 2014-10-30
[86] 2013-05-02 (PCT/IB2013/001027)
[87] (WO2013/164689)
[30] US (61/641,756) 2012-05-02
[30] US (61/809,159) 2013-04-05

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[13] A1

[51] **Int.Cl. A61K 38/43 (2006.01) A61C 8/00 (2006.01)**

[25] EN

[54] **METHODS FOR EXTRACTING A TOOTH**

[54] **PROCEDES D'EXTRACTION D'UNE DENT**

[72] MARYNKA KALMANI, KEREN, IL
[72] WEINBERG, EVGENY, IL
[72] GAFNI, YOSEF, IL
[71] PROTEOLEASE LTD., IL
[85] 2014-10-30
[86] 2013-05-01 (PCT/IL2013/050367)
[87] (WO2013/164822)
[30] US (61/640,743) 2012-05-01

[21] **2,872,228**
[13] A1

[51] **Int.Cl. H01L 21/66 (2006.01) G01R 31/36 (2006.01) H01M 10/48 (2006.01)**

[25] EN

[54] **SEMICONDUCTOR PROBE, TESTING DEVICE AND TESTING METHOD FOR TESTING QUANTUM BATTERY**

[54] **SONDE A SEMI-CONDUCTEURS DESTINEE A TESTER UNE CELLULE QUANTIQUE, DISPOSITIF DE TEST ET PROCEDE DE TEST**

[72] DEWA, HARUTADA, JP
[72] HIWADA, KIYOYASU, JP
[72] NAKAZAWA, AKIRA, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
[71] GUALA TECHNOLOGY CO., LTD, JP
[85] 2014-10-30
[86] 2012-05-31 (PCT/JP2012/064232)
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[13] A1

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[25] EN

[54] **LIQUID DISTRIBUTOR FOR A WASHING APPARATUS, AND WASHING APPARATUS**

[54] **DISTRIBUTEUR DE LIQUIDE POUR UN APPAREIL DE LAVAGE ET APPAREIL DE LAVAGE**

[72] LOVGREN, HANS, SE
[72] PETTERSSON, PATRIK, SE
[72] LOOF, TOBIAS, SE
[71] VALMET AB, SE
[85] 2014-10-30
[86] 2013-07-04 (PCT/SE2013/050870)
[87] (WO2014/051493)
[30] SE (1251084-8) 2012-09-25

[21] **2,872,230**
[13] A1

[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 30/02 (2012.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR MANAGING THE CONSUMPTION OF POWER GENERATED BY RENEWABLE AND ENVIRONMENTALLY-FRIENDLY SOURCES**

[54] **SYSTEME ET PROCEDE DE GESTION DE LA CONSOMMATION D'ENERGIE GENEREES PAR DES SOURCES RENOUVELABLES ET SANS DANGER POUR L'ENVIRONNEMENT**

[72] VESPASIANI, FRANCESCO MARIA, IT
[71] VESPASIANI, FRANCESCO MARIA, IT
[85] 2014-10-30
[86] 2013-05-01 (PCT/IB2013/053450)
[87] (WO2013/164775)
[30] IT (BO2012A000235) 2012-05-02

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[13] A1
[51] **Int.Cl. G01D 5/02 (2006.01) G01N 9/00 (2006.01) G01N 11/00 (2006.01) G01L 1/22 (2006.01) G01L 1/24 (2006.01)**
[25] EN
[54] **SINGLE MAGNET FLUID DENSITOMETER**
[54] **DENSITOMETRE FLUIDE A AIMANT UNIQUE**
[72] GAO, LI, US
[72] PELLETIER, MICHAEL T., US
[72] PROETT, MARK A., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-30
[86] 2012-05-03 (PCT/US2012/036372)
[87] (WO2013/165428)

[21] **2,872,232**
[13] A1
[51] **Int.Cl. E21B 7/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR OPTIMAL POSITIONING OF DRILLING PADS**
[54] **SYSTEMES ET PROCEDES DE POSITIONNEMENT OPTIMAL DE PLATES-FORMES DE FORAGE**
[72] COLVIN, RICHARD DANIEL, US
[72] GERMAIN, OLIVIER ROGER, US
[72] PRATT, DEWAYNE, US
[72] WOODARD, PHILIP WILLIAM, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2014-10-30
[86] 2012-05-31 (PCT/US2012/040107)
[87] (WO2013/180713)

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[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/57 (2006.01) A61P 5/24 (2006.01) A61P 13/08 (2006.01) A61P 15/12 (2006.01) A61P 17/08 (2006.01) A61P 17/10 (2006.01) A61P 17/14 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PROGESTERONE RECEPTOR MODULATORS FOR USE IN PREVENTING OR TREATING ANDROGEN MEDIATED DISEASES**
[54] **MODULATEURS DES RECEPTEURS A LA PROGESTERONE POUR LEUR UTILISATION DANS LA PREVENTION OU LE TRAITEMENT DES MALADIES MEDIEES PAR LES ANDROGENES**
[72] POHL, OLIVER, FR
[72] GOTTELAND, JEAN-PIERRE, CH
[71] PREGLEM SA, CH
[85] 2014-10-30
[86] 2013-05-15 (PCT/IB2013/053959)
[87] (WO2013/171684)
[30] EP (12168319.7) 2012-05-16

[21] **2,872,234**
[13] A1
[51] **Int.Cl. G06G 7/58 (2006.01) G06F 19/16 (2011.01) G06F 19/22 (2011.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PREDICTING PROTEIN STRUCTURE**
[54] **PROCEDES ET APPAREIL DE PREDICTION DE LA STRUCTURE PROTEIQUE**
[72] SANDER, CHRIS, US
[72] MARKS, DEBORA S., US
[71] MEMORIAL SLOAN-KETTERING CANCER RESEARCH, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2014-10-30
[86] 2013-05-09 (PCT/US2013/040437)
[87] (WO2013/170094)
[30] US (61/645,027) 2012-05-09
[30] US (61/645,564) 2012-05-10
[30] US (13/682,703) 2012-11-20

[21] **2,872,235**
[13] A1
[51] **Int.Cl. G06F 21/86 (2013.01) G06F 21/88 (2013.01) G01F 1/56 (2006.01) G01F 1/66 (2006.01)**
[25] EN
[54] **ANTI-TAMPER SYSTEM**
[54] **SYSTEME ANTI-DEMONTAGE**
[72] BAUCHOT, FREDERIC, FR
[72] CLEMENT, JEAN-YVES, FR
[72] KLATOVSKY, RICARDO, GB
[72] SAMIN, JEAN-CHRISTOPHE, GB
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US
[85] 2014-10-30
[86] 2013-05-22 (PCT/IB2013/054221)
[87] (WO2013/179183)
[30] EP (12382225.6) 2012-06-01

[21] **2,872,236**
[13] A1
[51] **Int.Cl. G01N 27/49 (2006.01) G01N 33/18 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR MEASURING THE TOTAL ORGANIC CONTENT OF AQUEOUS STREAMS**
[54] **PROCEDES ET APPAREIL DE MESURE DE LA TENEUR ORGANIQUE TOTALE DE FLUX AQUEUX**
[72] FRANASZCZUK, KRZYSZTOF, US
[72] ROSARIO-CANALES, MARIEM RUTH, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-30
[86] 2012-12-14 (PCT/US2012/069706)
[87] (WO2013/172868)
[30] US (61/647,335) 2012-05-15

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<p align="center">[21] 2,872,238 [13] A1</p> <p>[51] Int.Cl. A61F 11/10 (2006.01) A61B 17/16 (2006.01) A61B 17/56 (2006.01) A61M 29/00 (2006.01)</p> <p>[25] EN</p> <p>[54] IN-SITU FORMATION OF A JOINT REPLACEMENT PROSTHESIS</p> <p>[54] FORMATION IN-SITU D'UNE PROTHESE DE REMPLACEMENT D'UNE ARTICULATION</p> <p>[72] LEVY, OFER, IL</p> <p>[72] SONNINO-LEVY, Yael., IL</p> <p>[72] SHAHAR, MARK, IL</p> <p>[72] BARKAI, NIR, IL</p> <p>[71] ULTIMATE JOINT LTD., IL</p> <p>[85] 2014-10-30</p> <p>[86] 2013-05-02 (PCT/IL2013/050376)</p> <p>[87] (WO2013/164830)</p> <p>[30] US (61/641,901) 2012-05-03</p>	<p align="center">[21] 2,872,241 [13] A1</p> <p>[51] Int.Cl. C12N 15/11 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01)</p> <p>[25] EN</p> <p>[54] METHODS AND COMPOSITIONS FOR RNA-DIRECTED TARGET DNA MODIFICATION AND FOR RNA-DIRECTED MODULATION OF TRANSCRIPTION</p> <p>[54] PROCEDES ET COMPOSITIONS PERMETTANT LA MODIFICATION DE L'ADN CIBLE DIRIGEE PAR L'ARN ET LA MODULATION DE LA TRANSCRIPTION DIRIGEE PAR L'ARN</p> <p>[72] JINEK, MARTIN, US</p> <p>[72] DOUDNA CATE, JAMES HARRISON, US</p> <p>[72] LIM, WENDELL, US</p> <p>[72] QI, LEI, US</p> <p>[72] DOUDNA, JENNIFER A., US</p> <p>[72] CHYLINSKI, KRZYSZTOF, US</p> <p>[72] CHARPENTIER, EMMANUELLE, DE</p> <p>[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US</p> <p>[71] UNIVERSITY OF VIENNA, AT</p> <p>[71] CHARPENTIER, EMMANUELLE, DE</p> <p>[85] 2014-10-30</p> <p>[86] 2013-03-15 (PCT/US2013/032589)</p> <p>[87] (WO2013/176772)</p> <p>[30] US (61/652,086) 2012-05-25</p> <p>[30] US (61/716,256) 2012-10-19</p> <p>[30] US (61/757,640) 2013-01-28</p> <p>[30] US (61/765,576) 2013-02-15</p>	<p align="center">[21] 2,872,244 [13] A1</p> <p>[51] Int.Cl. H02M 3/155 (2006.01) B60R 16/03 (2006.01) F02D 29/02 (2006.01) H02J 7/00 (2006.01)</p> <p>[25] EN</p> <p>[54] VEHICULAR POWER-SUPPLY CIRCUIT</p> <p>[54] CIRCUIT D'ALIMENTATION ELECTRIQUE DESTINE A UN VEHICULE</p> <p>[72] SAKAKIBARA, NORIHISA, JP</p> <p>[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP</p> <p>[85] 2014-10-30</p> <p>[86] 2013-05-27 (PCT/JP2013/064591)</p> <p>[87] (WO2013/180050)</p> <p>[30] JP (2012-120798) 2012-05-28</p>
<p align="center">[21] 2,872,240 [13] A1</p> <p>[51] Int.Cl. E21B 33/12 (2006.01) C08K 7/02 (2006.01) C08L 67/04 (2006.01) C09K 8/88 (2006.01) E21B 29/00 (2006.01) E21B 33/13 (2006.01)</p> <p>[25] EN</p> <p>[54] DOWNHOLE TOOL MEMBER FOR HYDROCARBON RESOURCE RECOVERY</p> <p>[54] ELEMENT D'OUTIL DE FOND DE Puits POUR LA RECUPERATION DE RESSOURCES EN HYDROCARBURES</p> <p>[72] OKURA, MASAYUKI, JP</p> <p>[72] SAIJO, HIKARU, JP</p> <p>[72] YOSHIDA, KATSUMI, JP</p> <p>[72] SATO, HIROYUKI, JP</p> <p>[71] KUREHA CORPORATION, JP</p> <p>[85] 2014-10-30</p> <p>[86] 2013-03-13 (PCT/JP2013/057054)</p> <p>[87] (WO2014/010267)</p> <p>[30] JP (2012-154947) 2012-07-10</p>	<p align="center">[21] 2,872,242 [13] A1</p> <p>[51] Int.Cl. G03B 11/04 (2006.01) G03B 17/56 (2006.01) H04N 5/225 (2006.01)</p> <p>[25] EN</p> <p>[54] LENS PROTECTOR AND IMAGING DEVICE INCORPORATING THE SAME</p> <p>[54] ELEMENT PROTECTEUR D'OBJECTIF ET DISPOSITIF D'IMAGERIE LE COMPORTANT</p> <p>[72] UMEHARA, HIDEAKI, JP</p> <p>[71] RICOH COMPANY, LTD., JP</p> <p>[85] 2014-10-30</p> <p>[86] 2013-04-18 (PCT/JP2013/062150)</p> <p>[87] (WO2013/172167)</p> <p>[30] JP (2012-114259) 2012-05-18</p>	<p align="center">[21] 2,872,245 [13] A1</p> <p>[51] Int.Cl. C12Q 1/68 (2006.01)</p> <p>[25] EN</p> <p>[54] CANCER BLOOD TEST USING BC200 RNA ISOLATED FROM PERIPHERAL BLOOD FOR DIAGNOSIS AND TREATMENT OF INVASIVE BREAST CANCER</p> <p>[54] TEST SANGUIN DE DEPISTAGE DU CANCER UTILISANT DE L'ARN BC200 ISOLE A PARTIR DE SANG PERIPHERIQUE ET UTILISABLE EN VUE DU DIAGNOSTIC ET DU TRAITEMENT DU CANCER DU SEIN INVASIF</p> <p>[72] TIEDGE, HENRI, US</p> <p>[72] IACOANGELI, ANNA, US</p> <p>[72] SOFF, GERALD A., US</p> <p>[71] THE RESEARCH FOUNDATION FOR SUNY, US</p> <p>[85] 2014-10-30</p> <p>[86] 2013-03-14 (PCT/US2013/031728)</p> <p>[87] (WO2013/165598)</p> <p>[30] US (61/640,684) 2012-04-30</p>

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[21] **2,872,247**
[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01)**
[25] EN
[54] **TURBINE AIRFOIL TRAILING EDGE BIFURCATED COOLING HOLES**
[54] **ORIFICES DE REFROIDISSEMENT BIFURQUES DE BORD DE FUITE DE SURFACE PORTANTE DE TURBINE**
[72] BERGHOLZ, ROBERT FREDERICK, JR., US
[72] DURSTOCK, DANIEL LEE, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-30
[86] 2013-04-11 (PCT/US2013/036056)
[87] (WO2014/011276)
[30] US (13/466,508) 2012-05-08

[21] **2,872,248**
[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/353 (2006.01)**
[25] EN
[54] **MANUFACTURING AND PACKAGING ROOM TEMPERATURE STABLE DRONABINOL CAPSULES**
[54] **FABRICATION ET EMBALLAGE DE CAPSULES DE DRONABINOL STABLES A LA TEMPERATURE AMBIANTE**
[72] GOSKONDA, VENKAT, US
[72] CHAVAN, ASHOK, US
[72] AMANCHA, KIRAN, US
[72] CRISMAN, SCOTT, US
[72] LOPEZ, CRYSTAL, US
[71] INSYS THERAPEUTICS, INC., US
[85] 2014-10-30
[86] 2013-03-27 (PCT/US2013/033991)
[87] (WO2013/169406)
[30] US (61/643,713) 2012-05-07

[21] **2,872,250**
[13] A1
[51] **Int.Cl. F25B 17/08 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR THE CONTINUOUS THERMOCHEMICAL PRODUCTION OF COLD**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION CONTINUE DE FROID PAR VOIE THERMOCHEMIE**
[72] RIGAUD, LAURENT, FR
[72] KINDBEITER, FRANCIS, FR
[71] COLDWAY, FR
[85] 2014-10-29
[86] 2013-04-30 (PCT/FR2013/050951)
[87] (WO2013/164539)
[30] FR (12/01285) 2012-05-03

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01)**
[25] EN
[54] **TURBINE AIRFOIL TRAILING EDGE COOLING HOLE PLUG AND SLOT**
[54] **OBTURATEUR DE TROU ET FENTE DE REFROIDISSEMENT DE BORD DE FUITE D'AILETTE DE TURBINE**
[72] BERGHOLZ, ROBERT FREDERICK, JR., US
[72] DURSTOCK, DANIEL LEE, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-30
[86] 2013-04-12 (PCT/US2013/036319)
[87] (WO2013/169435)
[30] US (61/644,618) 2012-05-09
[30] US (13/470,820) 2012-05-14

[21] **2,872,252**
[13] A1
[51] **Int.Cl. E21D 21/00 (2006.01) E21D 20/00 (2006.01) F16B 13/06 (2006.01)**
[25] EN
[54] **ROCK BOLT AND METHOD OF INSTALLING A ROCK BOLT**
[54] **BOULON D'ANCRAGE ET PROCEDE D'INSTALLATION D'UN BOULON D'ANCRAGE**
[72] BUREAU, MARIO, CA
[72] LAMBERT, PAUL, CA
[72] CRANFORD, CHRIS, CA
[71] ATLAS COPCO CANADA INC., CA
[85] 2014-10-29
[86] 2012-05-22 (PCT/CA2012/050338)
[87] (WO2013/173901)

[21] **2,872,253**
[13] A1
[51] **Int.Cl. F16L 15/04 (2006.01)**
[25] EN
[54] **THREADED JOINT FOR STEEL PIPE**
[54] **RACCORD FILETE POUR TUYAU EN ACIER**
[72] SASAKI, MASAYOSHI, JP
[72] SUMITANI, KATSUTOSHI, JP
[72] GOTO, KUNIO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2014-10-30
[86] 2013-06-04 (PCT/JP2013/065472)
[87] (WO2013/183634)
[30] JP (2012-130134) 2012-06-07

[21] **2,872,255**
[13] A1
[51] **Int.Cl. C22C 21/00 (2006.01) C22C 21/02 (2006.01) C22F 1/04 (2006.01) H01M 2/02 (2006.01) C22F 1/00 (2006.01)**
[25] EN
[54] **ALUMINUM ALLOY PLATE FOR BATTERY CASES, WHICH HAS EXCELLENT MOLDABILITY AND WELDABILITY**
[54] **PLAQUE D'ALLIAGE D'ALUMINIUM POUR BOITERS DE BATTERIE QUI A UNE EXCELLENTE MOULABILITE ET UNE EXCELLENTE SOUDABILITE**
[72] SUZUKI, KENTA, JP
[72] OOWADA, YASUYUKI, JP
[72] HORI, HISASHI, JP
[72] KANAMORI, KEIJI, JP
[71] NIPPON LIGHT METAL COMPANY, LTD., JP
[85] 2014-10-30
[86] 2013-07-19 (PCT/JP2013/069678)
[87] (WO2014/077003)
[30] JP (2012-250905) 2012-11-15

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[13] A1

[51] **Int.Cl. E02D 29/02 (2006.01)**
[25] EN
[54] **WALL BLOCK AND WALL BLOCK SYSTEM**
[54] **BLOC POUR MUR ET SYSTEME DE BLOCS POUR MUR**
[72] MACDONALD, ROBERT, US
[71] KEYSTONE RETAINING WALL SYSTEMS LLC, US
[85] 2014-10-30
[86] 2013-04-17 (PCT/US2013/036929)
[87] (WO2013/158735)
[30] US (61/635,561) 2012-04-19

[21] **2,872,257**
[13] A1

[51] **Int.Cl. B60T 15/42 (2006.01)**
[25] EN
[54] **SERVICE MAIN PISTON BUSHING CONTAINING TWO SPRING RAMPS**
[54] **BAGUE DE PISTON PRINCIPAL DE VALVE DE SERRAGE CONTENANT DEUX RAMPES DE RESSORT**
[72] SKWERES, JEFFREY B., US
[72] PLECHEY, MICHAEL S., US
[72] SICH, GARY M., US
[71] WABTEC HOLDING CORP., US
[85] 2014-10-30
[86] 2013-05-24 (PCT/US2013/042593)
[87] (WO2013/177489)
[30] US (61/651,272) 2012-05-24

[21] **2,872,259**
[13] A1

[51] **Int.Cl. H01M 8/00 (2006.01) H01M 8/24 (2006.01)**
[25] FR
[54] **CONNECTING DEVICE FOR A FUEL CELL AND FUEL CELL FITTED WITH SUCH A DEVICE**
[54] **DISPOSITIF DE RACCORDEMENT DE PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE EQUIPEE D'UN TEL DISPOSITIF**
[72] ABADIE, MARIO, FR
[71] PRAGMA INDUSTRIES, FR
[85] 2014-10-30
[86] 2013-05-03 (PCT/EP2013/059221)
[87] (WO2013/164438)
[30] FR (1254056) 2012-05-03

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[13] A1

[51] **Int.Cl. A61K 31/5377 (2006.01) A61K 31/4745 (2006.01) A61P 5/46 (2006.01) C07D 471/02 (2006.01)**
[25] EN
[54] **HETEROARYL-KETONE FUSED AZADECALIN GLUCOCORTICOID RECEPTOR MODULATORS**
[54] **MODULATEURS DES RECEPTEURS DE GLUCOCORTICOIDES CONSISTANT EN AZADECALINES A HETEROARYLE CETONE FUSIONNE**

[72] HUNT, HAZEL, GB
[72] JOHNSON, TONY, GB
[72] RAY, NICHOLAS, GB
[72] WALTERS, IAIN, GB
[71] CORCEPT THERAPEUTICS, INC., US
[85] 2014-10-30
[86] 2013-05-24 (PCT/US2013/042732)
[87] (WO2013/177559)
[30] US (61/651,669) 2012-05-25
[30] US (61/691,083) 2012-08-20
[30] US (61/715,907) 2012-10-19
[30] US (61/759,520) 2013-02-01
[30] US (61/781,629) 2013-03-14

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[13] A1

[51] **Int.Cl. H03H 17/04 (2006.01)**
[25] EN
[54] **MULTISTAGE IIR FILTER AND PARALLELIZED FILTERING OF DATA WITH SAME**
[54] **FILTRE IIR A PLUSIEURS ETAGES ET FILTRAGE PARALLELISE DE DONNEES AU MOYEN DE CE FILTRE**
[72] RATHI, KHUSHBU P., US
[71] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2014-10-30
[86] 2013-04-17 (PCT/US2013/036932)
[87] (WO2013/169450)
[30] US (61/645,291) 2012-05-10

[21] **2,872,263**
[13] A1

[51] **Int.Cl. D03D 1/00 (2006.01) D03D 11/00 (2006.01) D21F 1/10 (2006.01) D21F 7/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL TWO-LAYER FABRIC**
[54] **TISSU TISSE A DEUX COUCHES INDUSTRIEL**
[72] HASHIGUCHI, TEPPEI, JP
[71] NIPPON FILCON CO., LTD., JP
[85] 2014-10-30
[86] 2013-12-25 (PCT/JP2013/084593)
[87] (WO2014/125744)
[30] JP (2013-028206) 2013-02-15

[21] **2,872,265**
[13] A1

[51] **Int.Cl. F01D 5/18 (2006.01)**
[25] EN
[54] **TURBINE AIRFOIL TRAILING EDGE COOLING SLOT**
[54] **FENTE DE REFROIDISSEMENT DE BORD DE FUITE D'AILETTE DE TURBINE**
[72] BERGHOLZ, ROBERT FREDERICK, JR., US
[72] DURSTOCK, DANIEL LEE, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-30
[86] 2013-04-22 (PCT/US2013/037510)
[87] (WO2013/169471)
[30] US (13/466,487) 2012-05-08

[21] **2,872,266**
[13] A1

[51] **Int.Cl. B60T 15/02 (2006.01)**
[25] EN
[54] **ABDW TO ABDX-R CONTROL VALVE CONVERSION**
[54] **CONVERSION DE DISTRIBUTEUR DU TYPE ABDW EN DISTRIBUTEUR DU TYPE ABDX-R**
[72] BURGESS, LARREN A., US
[72] GAUGHAN, EDWARD W., US
[71] WABTEC HOLDING CORP., US
[85] 2014-10-30
[86] 2013-05-29 (PCT/US2013/042990)
[87] (WO2013/181189)
[30] US (61/653,791) 2012-05-31

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[21] **2,872,268**
[13] A1
[51] **Int.Cl. C04B 18/00 (2006.01) C04B 20/06 (2006.01) C04B 24/38 (2006.01)**
[25] EN
[54] **BUILDING MATERIALS AND METHODS OF MANUFACTURE**
[54] **MATERIAUX DE CONSTRUCTION ET PROCEDES DE FABRICATION**
[72] BROWN, MARTIN W., US
[71] USG INTERIORS, LLC, US
[85] 2014-10-30
[86] 2013-04-22 (PCT/US2013/037552)
[87] (WO2013/165720)
[30] US (13/463,842) 2012-05-04

[21] **2,872,269**
[13] A1
[51] **Int.Cl. G06Q 50/22 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROVIDING TRANSPARENT MEDICAL TREATMENT**
[54] **SYSTEMES ET PROCEDES POUR LA FOURNITURE DE TRAITEMENT MEDICAL TRANSPARENT**
[72] JOHNSON, KRISTIN D., US
[72] PACK, STEPHEN J., US
[72] ALEXANDER, SCOTT F., US
[72] BERLIN, DAVID, US
[72] RUSIN, CHRISTOPHER T., US
[71] COVIDIEN LP, US
[85] 2014-10-30
[86] 2013-05-30 (PCT/US2013/043424)
[87] (WO2013/181432)
[30] US (61/653,154) 2012-05-30
[30] US (13/905,943) 2013-05-30

[21] **2,872,271**
[13] A1
[51] **Int.Cl. D03D 1/00 (2006.01) D03D 11/00 (2006.01) D21F 1/10 (2006.01) D21F 7/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL TWO-LAYER FABRIC**
[54] **TISSU INDUSTRIEL A DOUBLE COUCHE**
[72] EGAWA, TORU, JP
[72] TAKAHASHI, FUMIHIITO, JP
[71] NIPPON FILCON CO., LTD., JP
[85] 2014-10-30
[86] 2013-12-25 (PCT/JP2013/084594)
[87] (WO2014/104065)
[30] JP (2012-283900) 2012-12-27

[21] **2,872,272**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01)**
[25] EN
[54] **EMBEDDED ACTUATORS IN COMPOSITE AIRFOILS**
[54] **ACTIONNEURS INTEGRES DANS DES SURFACES PORTANTES COMPOSITES**
[72] KRAY, NICHOLAS JOSEPH, US
[72] PRENTICE, IAN FRANCIS, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] SHIM, DONG-JIN, US
[72] GEMEINHARDT, GREGORY CARL, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-30
[86] 2013-04-23 (PCT/US2013/037677)
[87] (WO2014/028077)
[30] US (13/466,671) 2012-05-08

[21] **2,872,274**
[13] A1
[51] **Int.Cl. C23C 16/40 (2006.01) C23C 16/02 (2006.01) C23C 16/453 (2006.01) C23C 16/513 (2006.01)**
[25] EN
[54] **DEPOSITION OF ULTRA-THIN INORGANIC OXIDE COATINGS ON PACKAGING**
[54] **DEPOT DE REVETEMENTS D'OXYDE INORGANIQUE ULTRAMINCES SUR UN EMBALLAGE**
[72] GODFROID, ROBERT, US
[72] JORDAN, GLENN, US
[72] KNOERZER, ANTHONY ROBERT, US
[72] LAVERDURE, KENNETH SCOTT, US
[72] MOUNT, ELDRIDGE M., US
[71] FRITO-LAY NORTH AMERICA, INC., US
[85] 2014-10-30
[86] 2013-06-21 (PCT/US2013/047106)
[87] (WO2013/192547)
[30] US (61/663,555) 2012-06-23
[30] US (13/923,899) 2013-06-21

[21] **2,872,275**
[13] A1
[51] **Int.Cl. A61K 39/395 (2006.01)**
[25] EN
[54] **STABILIZED FORMULATIONS CONTAINING ANTI-DLL4 ANTIBODIES**
[54] **FORMULATIONS STABILISEES CONTENANT DES ANTICORPS ANTI-DLL4**
[72] WALSH, SCOTT, US
[72] DIX, DANIEL, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2014-10-30
[86] 2013-05-31 (PCT/US2013/043516)
[87] (WO2013/181486)
[30] US (61/653,478) 2012-05-31

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[13] A1
[51] **Int.Cl. F28F 17/00 (2006.01) D21F 5/20 (2006.01) F28D 5/00 (2006.01) F28D 7/16 (2006.01) F28G 1/16 (2006.01)**
[25] EN
[54] **A HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR**
[72] TELVICK, ROGER SCOTT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-10-30
[86] 2013-04-25 (PCT/US2013/038095)
[87] (WO2013/165787)
[30] US (13/459,355) 2012-04-30

[21] **2,872,278**
[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ASSESSING A WELLBORE SERVICING FLUID OR A COMPONENT THEREOF**
[54] **SYSTEME ET PROCEDE D'EVALUATION D'UN FLUIDE DE SERVICE DE PUITS DE FORAGE OU D'UN COMPOSANT DE CELUI-CI**
[72] LAWSON MOHAR, JEANIE LYNN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-30
[86] 2013-06-03 (PCT/US2013/043932)
[87] (WO2013/191882)
[30] US (13/527,373) 2012-06-19

[21] **2,872,280**
[13] A1

[51] **Int.Cl. G09F 3/10 (2006.01)**
[25] EN
[54] **STAIN-RESISTANT LABEL ADHERED TO PRODUCT INCLUDING ONE OR MORE LABEL-STAINING MATERIALS THEREIN**
[54] **ETIQUETTE RESISTANT AUX TACHES COLLEE A UN PRODUIT CONTENANT A L'INTERIEUR UN OU PLUSIEURS MATERIAUX CREANT DES TACHES SUR L'ETIQUETTE**
[72] GILLIE, JAMES KEVIN, US
[71] TAGHLEEF INDUSTRIES INC., US
[85] 2014-10-30
[86] 2013-06-27 (PCT/US2013/048234)
[87] (WO2014/004856)
[30] US (61/664,986) 2012-06-27
[30] US (13/927,483) 2013-06-26

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[13] A1

[51] **Int.Cl. B01J 8/04 (2006.01) B01J 8/00 (2006.01) B01J 8/02 (2006.01) C10G 45/00 (2006.01) C10G 49/00 (2006.01)**
[25] EN
[54] **CROSS FLOW GAS-LIQUID CATALYTIC REACTION SYSTEMS**
[54] **SYSTEMES DE REACTION CATALYTIQUE GAZ-LIQUIDE A ECOULEMENT CROISE**
[72] KORSTEN, HANS GEORG, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-10-30
[86] 2013-06-26 (PCT/US2013/047864)
[87] (WO2014/004656)
[30] US (61/665,371) 2012-06-28
[30] US (13/926,413) 2013-06-25

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[13] A1

[51] **Int.Cl. H05K 1/02 (2006.01) H01L 23/492 (2006.01) H01L 25/07 (2006.01) H02M 7/00 (2006.01) H05K 1/05 (2006.01)**
[25] EN
[54] **CIRCUIT BOARD, PARTICULARLY FOR A POWER-ELECTRONIC MODULE, COMPRISING AN ELECTRICALLY-CONDUCTIVE SUBSTRATE**
[54] **CARTE DE CIRCUIT IMPRIME, NOTAMMENT POUR UN MODULE D'ELECTRONIQUE DE PUISSANCE, COMPORTANT UN SUBSTRAT ELECTROCONDUCTEUR**
[72] BURNS, ROBERT CHRISTOPHER, AT
[72] TUSLER, WOLFGANG, AT
[72] HAEGELE, BERND, DE
[71] A.B. MIKROELEKTRONIK GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, AT
[85] 2014-10-31
[86] 2013-04-15 (PCT/AT2013/000063)
[87] (WO2013/163664)
[30] AT (A 526/2012) 2012-05-04

[21] **2,872,287**
[13] A1

[51] **Int.Cl. A24D 3/02 (2006.01) A24D 3/00 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING FILTERS AND FILTER RODS COMPRISING POROUS MASSES AND ARTICLES RELATING THERETO**
[54] **PROCEDES DE PRODUCTION DE FILTRES ET DE TIGES DE FILTRES COMPRENANT DES MASSES POREUSES ET ARTICLES CORRESPONDANTS**
[72] ROBERTSON, RAYMOND, US
[72] BIESMANS, DAVY, BE
[72] FLOTTEN, CHARLES O., US
[71] CELANESE ACETATE LLC, US
[85] 2014-10-30
[86] 2013-07-31 (PCT/US2013/052993)
[87] (WO2014/022544)
[30] US (61/678,335) 2012-08-01

[21] **2,872,291**
[13] A1

[51] **Int.Cl. A47C 27/14 (2006.01) A47C 27/15 (2006.01)**
[25] EN
[54] **BEDDING SYSTEMS**
[54] **SYSTEMES DE LITERIE**
[72] CAIRNS, SIMON, AU
[72] MORTIMER, MICHAEL, AU
[71] CAIRNS, SIMON, AU
[71] MORTIMER, MICHAEL, AU
[85] 2014-10-31
[86] 2013-05-02 (PCT/AU2013/000457)
[87] (WO2013/163694)
[30] AU (2012202600) 2012-05-03

[21] **2,872,294**
[13] A1

[51] **Int.Cl. H04W 40/20 (2009.01) G07C 5/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AIR-TO-GROUND DATA STREAMING**
[54] **SYSTEME ET PROCEDE POUR UNE DIFFUSION DE DONNEES EN FLUX CONTINU AIR SOL**
[72] HOLSTEIN, STEPHEN C., US
[72] PHAN, TRI M., US
[71] THE BOEING COMPANY, US
[85] 2014-10-30
[86] 2013-06-27 (PCT/US2013/048072)
[87] (WO2014/051796)
[30] US (13/544,961) 2012-07-09

[21] **2,872,296**
[13] A1

[51] **Int.Cl. G01N 33/28 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ASSESSING A WELLBORE SERVICING FLUID OR A COMPONENT THEREOF**
[54] **SYSTEME ET PROCEDE D'EVALUATION D'UN FLUIDE D'ENTRETIEN DE Puits DE FORAGE OU D'UN COMPOSANT DE CELUI-CI**
[72] WOLFE, KARLA BETH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-30
[86] 2013-08-06 (PCT/US2013/053840)
[87] (WO2014/031334)
[30] US (13/589,965) 2012-08-20

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[51] **Int.Cl. F28G 1/16 (2006.01) F25B 39/04 (2006.01) F28D 3/02 (2006.01) F28D 3/04 (2006.01) F28D 5/00 (2006.01) F28D 7/16 (2006.01) F28D 21/00 (2006.01) F28F 17/00 (2006.01) F28G 9/00 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR RECOVERING PROCESS EXHAUST ENERGY**
[54] **APPAREIL POUR RECUPERER UNE ENERGIE D'ECHAPPEMENT DE TRAITEMENT**
[72] TELVICK, ROGER SCOTT, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-10-30
[86] 2013-04-26 (PCT/US2013/038313)
[87] (WO2013/165819)
[30] US (13/459,372) 2012-04-30

[21] **2,872,300**
[13] A1
[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/20 (2006.01)**
[25] EN
[54] **BROMOCRIPTINE FORMULATIONS**
[54] **FORMULATIONS DE BROMOCRIPTINE**
[72] CINCOTTA, ANTHONY, US
[72] BOWE, CRAIG MICHAEL, US
[72] STEARNS, PAUL CLARK, US
[72] WESTON, LAURA JEAN, US
[71] VEROSCIENCE LLC, US
[85] 2014-10-30
[86] 2013-04-29 (PCT/US2013/038655)
[87] (WO2013/165902)
[30] US (13/460,452) 2012-04-30

[21] **2,872,301**
[13] A1
[51] **Int.Cl. H01R 4/36 (2006.01) H01R 11/11 (2006.01) H01R 13/621 (2006.01) H01R 13/64 (2006.01)**
[25] EN
[54] **CONNECTOR ASSEMBLIES AND SYSTEMS AND METHODS FOR FORMING DISCONNECTABLE JOINT ASSEMBLIES**
[54] **ENSEMBLES CONNECTEURS AINSI QUE SYSTEMES ET PROCEDES PERMETTANT DE FORMER DES ENSEMBLES DE JONCTION POUVANT ETRE DESOLIDARISES**
[72] CORNELIUS, JONATHAN CONRAD, US
[72] O'SULLIVAN, EDWARD, US
[71] TYCO ELECTRONICS CORPORATION, US
[85] 2014-10-30
[86] 2013-04-30 (PCT/US2013/038775)
[87] (WO2013/165955)
[30] US (61/641,574) 2012-05-02
[30] US (13/565,687) 2012-08-02

[21] **2,872,302**
[13] A1
[51] **Int.Cl. F16C 32/04 (2006.01) H01F 3/02 (2006.01) H01F 41/02 (2006.01) H02K 1/12 (2006.01) H02K 1/22 (2006.01)**
[25] EN
[54] **MAGNETIC BEARING AND METHOD FOR MOUNTING A FERROMAGNETIC STRUCTURE AROUND A CORE OF A MAGNETIC BEARING**
[54] **PALIER MAGNETIQUE ET PROCEDE DE MONTAGE D'UNE STRUCTURE FERROMAGNETIQUE AUTOUR D'UN NOYAU D'UN PALIER MAGNETIQUE**
[72] VANDE SANDE, HANS, BE
[71] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
[85] 2014-10-31
[86] 2013-05-03 (PCT/BE2013/000023)
[87] (WO2013/170322)
[30] BE (2012/0328) 2012-05-16

[21] **2,872,303**
[13] A1
[51] **Int.Cl. A61C 7/28 (2006.01) A61C 7/14 (2006.01)**
[25] EN
[54] **BIOCOMPATIBLE SELF-LIGATING BRACKETS**
[54] **BRACKETS ORTHODONTIQUES AUTOLIGATURANTS BIOCOMPATIBLES**
[72] VOUDOURIS, JOHN, CA
[71] ORTHOARM, INC., CA
[85] 2014-10-31
[86] 2012-07-25 (PCT/CA2012/050503)
[87] (WO2013/013320)
[30] US (61/511,315) 2011-07-25

[21] **2,872,304**
[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ORGANIC COMPOSITIONS TO TREAT KRAS-RELATED DISEASES**
[54] **COMPOSITIONS ORGANIQUES POUR TRAITER DES MALADIES ASSOCIEES A KRAS**
[72] BETTENCOURT, BRIAN, US
[72] MILSTEIN, STUART, US
[72] TODDJARSKA, IVANKA, US
[72] MCDONALD, EARL, US
[72] SCHLABACH, MICHAEL JR., US
[72] STEGMEIER, FRANK P., US
[72] WARMUTH, MARKUS, US
[72] GAMPA, KALYANI, US
[72] HUESKEN, DIETER, CH
[72] STUMP, MARK, US
[72] WEILER, JAN, US
[72] JAGANI, ZAINAB, US
[71] NOVARTIS AG, CH
[85] 2014-10-30
[86] 2013-04-30 (PCT/US2013/038847)
[87] (WO2013/166004)
[30] US (61/641,588) 2012-05-02

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[21] **2,872,305**
[13] A1

[51] **Int.Cl. C07K 19/00 (2006.01) B01D 15/38 (2006.01) C07K 14/435 (2006.01) C07K 16/00 (2006.01) C12N 1/00 (2006.01) C12N 11/02 (2006.01) C12N 15/62 (2006.01) C12P 21/02 (2006.01)**

[25] EN

[54] **SPIDER SILK FUSION PROTEIN STRUCTURES INCORPORATING IMMUNOGLOBULIN FRAGMENTS AS AFFINITY LIGANDS**

[54] **STRUCTURES DE PROTEINE DE FUSION DE SOIE D'ARAIGNEE DANS LESQUELLES SONT INCORPORES DES FRAGMENTS D'IMMUNOGLOBULINE EN TANT QUE LIGANDS D'AFFINITE**

[72] HEDHAMMAR, MY, SE
[72] JOHANSSON, JAN, SE
[72] RISING, ANNA, SE
[72] NYGREN, PER-AKE, SE
[71] SPIBER TECHNOLOGIES AB, SE
[71] IMMUNOVIA AB, SE
[85] 2014-10-31
[86] 2013-05-02 (PCT/EP2013/059145)
[87] (WO2013/164404)
[30] EP (12166392.6) 2012-05-02

[21] **2,872,306**
[13] A1

[51] **Int.Cl. B05B 9/03 (2006.01) A61K 6/00 (2006.01)**

[25] EN

[54] **COATING SPRAY SYSTEM**

[54] **SYSTEME DE PULVERISATION DE REVETEMENT**

[72] VINSON, JAMES R. (DECEASED), US
[72] PITTS, PHILLIP G., US
[71] ENAMELITE LLC, US
[85] 2014-10-30
[86] 2013-04-30 (PCT/US2013/038892)
[87] (WO2013/166027)
[30] US (61/640,567) 2012-04-30

[21] **2,872,307**
[13] A1

[51] **Int.Cl. H01L 35/32 (2006.01)**

[25] EN

[54] **THERMOELECTRIC MODULE, HEAT EXCHANGER, EXHAUST SYSTEM AND INTERNAL COMBUSTION ENGINE**

[54] **MODULE THERMOELECTRIQUE, ECHANGEUR THERMIQUE, SYSTEME DE GAZ D'ECHAPPEMENT ET MOTEUR A COMBUSTION INTERNE**

[72] OESTERLE, JORG JOHANNES, DE
[72] RESCH, ANDREAS, DE
[72] LEICHT, SEBASTIAN, DE
[72] SPIETH, ARNULF, DE
[72] TCHAMGOUE, HERVE, DE
[71] EBERSPACHER EXHAUST TECHNOLOGY GMBH & CO. KG, DE
[85] 2014-10-30
[86] 2013-06-19 (PCT/EP2013/062710)
[87] (WO2013/189970)
[30] DE (10 2012 210 627.8) 2012-06-22

[21] **2,872,308**
[13] A1

[51] **Int.Cl. A61K 39/42 (2006.01) A61P 31/16 (2006.01) C07K 16/10 (2006.01)**

[25] EN

[54] **NOVEL HA BINDING AGENTS**

[54] **NOUVEAUX AGENTS DE LIAISON A LA HA**

[72] SHRIVER, ZACHARY, US
[72] VISWANATHAN, KARTHIK, US
[72] SUBRAMANIAN, VIDYA, US
[72] RAGURAM, SASISEKHARAN, US
[71] VISTERRA, INC., US
[85] 2014-10-30
[86] 2013-05-10 (PCT/US2013/040534)
[87] (WO2013/170139)
[30] US (61/645,554) 2012-05-10
[30] US (61/716,447) 2012-10-19
[30] US (13/830,367) 2013-03-14

[21] **2,872,309**
[13] A1

[51] **Int.Cl. C12N 9/64 (2006.01) A23C 19/04 (2006.01) C12N 1/19 (2006.01) C12N 15/59 (2006.01)**

[25] EN

[54] **IMPROVED ENZYME VARIANTS**

[54] **VARIANTS D'ENZYMES AMELIORES**

[72] DEKKER, PETRUS JACOBUS THEODORUS, NL
[72] JONG, DE, RENE MARCEL, NL
[72] MUIJLWIJK, CORNELIS MARINUS, NL
[71] DSM IP ASSETS B.V., NL
[85] 2014-10-31
[86] 2013-05-03 (PCT/EP2013/059315)
[87] (WO2013/164479)
[30] EP (12166673.9) 2012-05-03
[30] US (61/642,095) 2012-05-03
[30] EP (12199178.0) 2012-12-21
[30] EP (12199277.0) 2012-12-21
[30] US (61/745,063) 2012-12-21

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[13] A1

[51] **Int.Cl. A61M 1/10 (2006.01)**

[25] EN

[54] **SILVER MOTOR STATOR FOR IMPLANTABLE BLOOD PUMP**

[54] **STATOR DE MOTEUR EN ARGENT POUR POMPE A SANG IMPLANTABLE**

[72] LAROSE, JEFFREY A., US
[71] HEARTWARE, INC., US
[85] 2014-10-30
[86] 2013-05-10 (PCT/US2013/040590)
[87] (WO2013/170179)
[30] US (61/646,028) 2012-05-11

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[21] **2,872,312**
[13] A1
[51] **Int.Cl. B23K 26/34 (2014.01) B23K 35/30 (2006.01)**
[25] EN
[54] **LASER ADDITIVE REPAIRING OF NICKEL BASE SUPERALLOY COMPONENTS**
[54] **REPARATION ADDITIVE PAR LASER DES COMPOSANTS EN SUPERALLIAGE A BASE DE NICKEL**
[72] OZBAYSAL, KAZIM, US
[71] SIEMENS ENERGY, INC., US
[85] 2014-10-30
[86] 2013-05-13 (PCT/US2013/040742)
[87] (WO2014/025432)
[30] US (61/645,863) 2012-05-11
[30] US (13/489,863) 2012-06-06
[30] US (13/611,034) 2012-09-12
[30] US (13/891,314) 2013-05-10

[21] **2,872,313**
[13] A1
[51] **Int.Cl. A01N 1/02 (2006.01) C12N 5/071 (2010.01) C12Q 1/00 (2006.01) G01N 33/50 (2006.01)**
[25] FR
[54] **SYSTEM FOR KEEPING ALIVE AND TRANSPORTING SKIN BIOPSIES AND APPLICATIONS OF SAID SYSTEM**
[54] **SYSTEME PERMETTANT LA MAINTENANCE EN SURVIE ET LE TRANSPORT DE BIOPSIES DE PEAU ET SES APPLICATIONS**
[72] DESCARGUES, PASCAL, FR
[71] GENOSKIN, FR
[85] 2014-10-31
[86] 2013-05-03 (PCT/EP2013/059215)
[87] (WO2013/164436)
[30] FR (12 54091) 2012-05-03

[21] **2,872,314**
[13] A1
[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01) C12N 1/15 (2006.01) C12N 1/21 (2006.01)**
[25] EN
[54] **GIP-GLP-1 DUAL AGONIST COMPOUNDS AND METHODS**
[54] **COMPOSES AGONISTES DOUBLES DU GIP-GLP-1 ET METHODES**
[72] JUST, RASMUS, DK
[72] RIBER, DITTE, DK
[72] SHELTON, ANNE PERNILLE TOFTENG, DK
[72] OSTERLUND, TORBEN, SE
[72] HANSEN, KATE, DK
[72] JESSEN, LENE, DK
[71] ZEALAND PHARMA A/S, DK
[85] 2014-10-31
[86] 2013-05-03 (PCT/EP2013/059319)
[87] (WO2013/164483)
[30] US (61/642,439) 2012-05-03
[30] US (61/765,561) 2013-02-15

[21] **2,872,315**
[13] A1
[51] **Int.Cl. C07K 14/605 (2006.01) A61K 38/26 (2006.01)**
[25] EN
[54] **GLUCAGON-LIKE-PEPTIDE-2 (GLP-2) ANALOGUES**
[54] **ANALOGUES DU GLUCAGON-LIKE PEPTIDE 2 (GLP-2)**
[72] JUST, RASMUS, DK
[72] BOVBJERG, KIRSTEN LINDEGAARD, DK
[72] RIBER, DITTE, DK
[72] RUSSELL, WAYNE SHAUN, SE
[71] ZEALAND PHARMA A/S, DK
[85] 2014-10-31
[86] 2013-05-03 (PCT/EP2013/059320)
[87] (WO2013/164484)
[30] US (61/642,447) 2012-05-03
[30] US (61/785,852) 2013-03-14

[21] **2,872,316**
[13] A1
[51] **Int.Cl. C04B 35/04 (2006.01) C04B 35/043 (2006.01) C04B 35/515 (2006.01) C04B 35/56 (2006.01) C04B 35/565 (2006.01) C04B 35/58 (2006.01) C04B 35/584 (2006.01)**
[25] EN
[54] **REFRACTORY CERAMIC BATCH AND BRICK FORMED THEREFROM**
[54] **MELANGE CERAMIQUE IGNIFUGE ET PIERRE FORMEE A PARTIR DE CELUI-CI**
[72] HARMUTH, HARALD, AT
[72] GSCHIEL, SABINE, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2014-10-31
[86] 2013-05-07 (PCT/EP2013/059491)
[87] (WO2013/185983)
[30] EP (12172161.7) 2012-06-15

[21] **2,872,317**
[13] A1
[51] **Int.Cl. A61B 5/085 (2006.01) A61B 5/087 (2006.01) A61M 16/00 (2006.01) G01H 11/08 (2006.01)**
[25] EN
[54] **PIEZOELECTRIC BEAM BENDING ACTUATED DEVICE FOR MEASURING RESPIRATORY SYSTEM IMPEDANCE**
[54] **DISPOSITIF ACTIONNE PAR CINTRAGE DE FAISCEAU PIEZOELECTRIQUE POUR MESURE D'IMPEDANCE DE SYSTEME RESPIRATOIRE**
[72] HANAFIALAMDARI, HAMED, CA
[72] MAKSYM, GEOFFREY N., CA
[72] POSADA, LUCAS, CA
[71] DALHOUSIE UNIVERSITY, CA
[85] 2014-10-31
[86] 2013-05-01 (PCT/CA2013/000433)
[87] (WO2013/163740)
[30] US (61/640, 797) 2012-05-01

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[21] **2,872,318**
[13] A1

[51] **Int.Cl. C23C 16/40 (2006.01) C23C 16/453 (2006.01) C23C 16/513 (2006.01)**

[25] EN

[54] **DEPOSITION OF ULTRA-THIN INORGANIC OXIDE COATINGS ON PACKAGING**

[54] **DEPOT DE COUCHES D'OXYDE INORGANIQUE ULTRA FINES SUR UN EMBALLAGE**

[72] GODFROID, ROBERT, US

[72] JORDAN, GLENN, US

[72] KNOERZER, ANTHONY ROBERT, US

[72] LAVERDURE, KENNETH SCOTT, US

[72] MOUNT, ELDRIDGE M., US

[71] FRITO-LAY NORTH AMERICA, INC., US

[85] 2014-10-30

[86] 2013-06-21 (PCT/US2013/047128)

[87] (WO2013/192560)

[30] US (61/663,555) 2012-06-23

[30] US (13/924,042) 2013-06-21

[21] **2,872,319**
[13] A1

[51] **Int.Cl. A23C 9/13 (2006.01) A23C 9/137 (2006.01) A23L 1/29 (2006.01)**

[25] EN

[54] **DAIRY BEVERAGE AND METHOD OF PREPARATION THEREOF**

[54] **BOISSON A BASE DE PRODUIT LAITIER ET PROCEDE DE PREPARATION ASSOCIE**

[72] AICHINGER, PIERRE-ANTON, CH

[72] BERROCAL, RAFAEL, CH

[72] VOLERY, PASCAL, CH

[71] NESTEC S.A., CH

[85] 2014-10-31

[86] 2013-05-07 (PCT/EP2013/059515)

[87] (WO2013/167606)

[30] EP (12167441.0) 2012-05-10

[21] **2,872,320**
[13] A1

[51] **Int.Cl. G02B 1/04 (2006.01) B29D 11/00 (2006.01)**

[25] EN

[54] **METHOD OF MAKING A FULLY POLYMERIZED UV BLOCKING SILICONE HYDROGEL LENS**

[54] **PROCEDE DE FABRICATION D'UNE LENTILLE EN SILICONE HYDROGEL BLOQUANT LES UV ENTIEREMENT POLYMERISEE**

[72] NUNEZ, IVAN M., US

[72] HUNT, JENNIFER, US

[71] BAUSCH & LOMB INCORPORATED, US

[85] 2014-10-30

[86] 2013-05-16 (PCT/US2013/041343)

[87] (WO2013/176957)

[30] US (13/480,651) 2012-05-25

[21] **2,872,321**
[13] A1

[51] **Int.Cl. E02B 3/10 (2006.01) F16B 2/06 (2006.01) F16B 5/06 (2006.01)**

[25] EN

[54] **WATER CONTAINMENT APPARATUS AND METHOD, AND ASSOCIATED FASTENER**

[54] **APPAREIL ET PROCEDE DE CONFINEMENT D'EAU ET DISPOSITIF DE FIXATION ASSOCIE**

[72] MCKENZIE, SCOTT, CA

[71] MCKENZIE, SCOTT, CA

[85] 2014-10-31

[86] 2013-05-02 (PCT/CA2013/050343)

[87] (WO2013/163763)

[30] US (61/641,614) 2012-05-02

[21] **2,872,322**
[13] A1

[51] **Int.Cl. F02C 6/08 (2006.01) F02C 9/18 (2006.01)**

[25] FR

[54] **METHOD FOR IMPROVED ASSEMBLY OF AN ACTUATOR FOR AN AIR BLEED VALVE OF A TURBINE ENGINE**

[54] **PROCEDE DE MONTAGE AMELIORE D'UN VERIN DE COMMANDE D'UNE VANNE DE DECHARGE D'AIR D'UNE TURBOMACHINE**

[72] CHIAUVEL, SYLVAIN, FR

[71] SNECMA, FR

[85] 2014-10-31

[86] 2013-05-06 (PCT/FR2013/051006)

[87] (WO2013/167836)

[30] FR (12 54175) 2012-05-07

[21] **2,872,323**
[13] A1

[51] **Int.Cl. E04D 5/00 (2006.01)**

[25] EN

[54] **ROOFING UNDERLAYMENT WITH NAIL SEALING SYSTEM**

[54] **SOUS-COUCHE DE COUVERTURE DE TOIT AVEC SYSTEME D'ETANCHEITE POUR LES CLOUS**

[72] VIDO, MARTIN, BB

[72] CHEEMA, HARJINDER S., CA

[71] IBCO SRL, BB

[85] 2014-10-31

[86] 2013-05-02 (PCT/CA2013/050344)

[87] (WO2013/163764)

[30] US (61/642,300) 2012-05-03

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[21] 2,872,324
[13] A1
[51] Int.Cl. C07C 233/18 (2006.01) A61K 31/165 (2006.01) A61K 31/195 (2006.01) A61P 25/00 (2006.01) A61P 25/18 (2006.01) A61P 25/20 (2006.01) A61P 25/22 (2006.01) A61P 25/24 (2006.01) A61P 25/28 (2006.01) C07C 233/47 (2006.01)
[25] EN
[54] **METABOLITES OF (1R-TRANS)-N-[[2-(2,3-DIHYDRO-4-BENZOFURANYL)CYCLOPROPYL]METHYL]PROPANAMIDE**
[54] **METABOLITES DE (1R-TRANS)-N-[[2-(2,3-DIHYDRO-4-BENZOFURANYL)CYCLOPROPYL]METHYL]-PROPANAMIDE**
[72] DRESSMAN, MARLENE MICHELLE, US
[72] PHADKE, DEEPAK, US
[71] VANDA PHARMACEUTICALS INC., US
[85] 2014-10-30
[86] 2013-05-17 (PCT/US2013/041573)
[87] (WO2013/173707)
[30] US (61/649,220) 2012-05-18

[21] 2,872,325
[13] A1
[51] Int.Cl. B32B 17/10 (2006.01)
[25] FR
[54] **VISCOELASTIC PLASTIC INTERLAYER FOR VIBROACOUSTIC DAMPING AND GLAZING UNIT COMPRISING SUCH AN INTERLAYER**
[54] **INTERCALAIRE PLASTIQUE VISCOELASTIQUE POUR UN AMORTISSEMENT VIBROACOUSTIQUE ET VITRAGE COMPRENANT UN TEL INTERCALAIRE**
[72] REHFELD, MARC, FR
[72] FOURNIER, DAVID, FR
[72] BOURE, JEAN-PHILIPPE, FR
[72] PAYEN, CORINNE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2014-10-31
[86] 2013-05-16 (PCT/FR2013/051074)
[87] (WO2013/175101)
[30] FR (1254636) 2012-05-22

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[13] A1
[51] Int.Cl. C07K 16/28 (2006.01) G01N 33/53 (2006.01)
[25] EN
[54] **ANTI-FCRN ANTIBODIES**
[54] **ANTICORPS ANTI-FCRN**
[72] FINNEY, HELENE MARGARET, GB
[72] LAWSON, ALASTAIR DAVID GRIFFITHS, GB
[72] SHAW, STEVAN GRAHAM, GB
[72] SMITH, BRYAN JOHN, GB
[72] TYSON, KERRY LOUISE, GB
[72] KEVORKIAN, LARA, GB
[72] MEIER, CHRISTOPH, GB
[72] SARKAR, KAUSHIK, GB
[72] ATHERFOLD, PAUL ALAN, GB
[71] UCB PHARMA S.A., BE
[85] 2014-10-31
[86] 2013-05-13 (PCT/EP2013/059802)
[87] (WO2014/019727)
[30] GB (1208370.5) 2012-05-14

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[13] A1
[51] Int.Cl. C07K 16/18 (2006.01) A61K 47/48 (2006.01) A61P 35/00 (2006.01) C07H 15/252 (2006.01) C07K 5/027 (2006.01) C07K 5/062 (2006.01) C07K 16/46 (2006.01) G01N 33/53 (2006.01) G01N 33/574 (2006.01)
[25] EN
[54] **ANTI-LY6E ANTIBODIES AND IMMUNOCONJUGATES AND METHODS OF USE**
[54] **ANTICORPS ET IMMUNOCONJUGUES ANTI-LY6E ET PROCEDES D'UTILISATION**
[72] CHANG, PETER, US
[72] SAKANAKA, CHIE, JP
[71] GENENTECH, INC., US
[85] 2014-10-30
[86] 2013-05-20 (PCT/US2013/041848)
[87] (WO2013/177055)
[30] US (61/649,775) 2012-05-21

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[51] Int.Cl. C07K 16/24 (2006.01) C12N 15/70 (2006.01)
[25] EN
[54] **RECOMBINANT BACTERIAL HOST CELL FOR PROTEIN EXPRESSION**
[54] **CELLULE HOTE BACTERIENNE RECOMBINEE POUR L'EXPRESSION D'UNE PROTEINE**
[72] BASSETT, PHILIP JONATHAN, GB
[72] HUMPHREYS, DAVID PAUL, GB
[72] PATEL, PARESHKUMAR MANJIBHAI, GB
[71] UCB PHARMA S.A., BE
[85] 2014-10-31
[86] 2013-05-13 (PCT/EP2013/059803)
[87] (WO2013/171156)
[30] GB (1208367.1) 2012-05-14

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[51] Int.Cl. B01D 21/00 (2006.01) B01D 21/24 (2006.01) B01D 21/26 (2006.01) B01D 21/34 (2006.01) B01D 29/33 (2006.01) B01D 29/64 (2006.01) B01D 29/88 (2006.01) B01D 29/90 (2006.01) B04C 5/04 (2006.01) B04C 5/081 (2006.01) B04C 5/085 (2006.01) B04C 5/103 (2006.01) B04C 5/14 (2006.01) B04C 5/22 (2006.01)
[25] EN
[54] **CROSS-FLOW FILTRATION SYSTEM INCLUDING PARTICULATE SETTLING ZONE**
[54] **SYSTEME DE FILTRATION A ECOULEMENT TRANSVERSAL COMPRENANT UNE ZONE DE SEDIMENTATION DE PARTICULES**
[72] JONS, STEVEN D., US
[72] MALLARD, JOHN H., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-10-30
[86] 2013-05-22 (PCT/US2013/042130)
[87] (WO2013/181029)
[30] US (61/654,418) 2012-06-01
[30] US (61/655,654) 2012-06-05

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[13] A1

[51] **Int.Cl. A61L 27/22 (2006.01) A61L 27/56 (2006.01) A61L 27/60 (2006.01)**
[25] EN
[54] **EXTRACELLULAR MATRIX-SYNTHETIC SKIN SCAFFOLD**
[54] **MATRICE EXTRACELLULAIRE - ECHAFAUDAGE DE PEAU SYNTHETIQUE**
[72] DYE, JULIAN F., GB
[71] SMART MATRIX INTELLECTUAL PROPERTY LIMITED, DE
[85] 2014-10-31
[86] 2013-05-03 (PCT/GB2013/051158)
[87] (WO2013/164635)
[30] GB (1207781.4) 2012-05-03

[21] **2,872,331**
[13] A1

[51] **Int.Cl. B29C 31/00 (2006.01) B01D 45/16 (2006.01)**
[25] EN
[54] **VACUUM LOADER FOR CONVEYING POWDER**
[54] **CHARGEUR A VIDE POUR TRANSPORTER UNE POUDRE**
[72] MACGREGOR, ANTHONY, CA
[71] COLOURMATE INC., CA
[85] 2014-10-31
[86] 2013-08-13 (PCT/CA2013/050619)
[87] (WO2014/026281)
[30] US (61/682,955) 2012-08-14

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[13] A1

[51] **Int.Cl. G01T 1/18 (2006.01) G01H 9/00 (2006.01) G01T 5/08 (2006.01)**
[25] EN
[54] **RADIATION DETECTOR**
[54] **DETECTEUR DE RAYONNEMENT**
[72] GODFREY, ALASTAIR, GB
[71] OPTASENSE HOLDINGS LIMITED, GB
[85] 2014-10-31
[86] 2013-05-10 (PCT/GB2013/051207)
[87] (WO2013/171460)
[30] GB (1208418.2) 2012-05-14

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[13] A1

[51] **Int.Cl. C07G 1/00 (2011.01) C08H 8/00 (2010.01)**
[25] EN
[54] **A METHOD FOR FRACTIONATING LIGNIN**
[54] **PROCEDE DE FRACTIONNEMENT DE LA LIGNINE**
[72] ESKELINEN, KATI, FI
[72] VALKONEN, SANNA, DE
[72] PIETARINEN, SUVI, FI
[71] UPM-KYMMENE CORPORATION, FI
[85] 2014-10-31
[86] 2013-06-05 (PCT/FI2013/050607)
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[30] FI (20125613) 2012-06-06

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[25] EN
[54] **PYRROLOTRIAZINONE DERIVATIVES**
[54] **DERIVES DE PYRROLOTRIAZINONE**
[72] DORSCH, DIETER, DE
[72] BUCHSTALLER, HANS-PETER, DE
[71] DEDEMERCCK PATENT GMBH, DE
[85] 2014-10-31
[86] 2013-04-06 (PCT/EP2013/001026)
[87] (WO2013/164061)
[30] EP (12003445.9) 2012-05-04

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[13] A1

[51] **Int.Cl. G01M 3/02 (2006.01) G01M 3/28 (2006.01) G01M 3/32 (2006.01)**
[25] EN
[54] **A DEVICE FOR DETECTING FLUID LEAKAGE**
[54] **DISPOSITIF POUR DETECTER UNE FUITE DE FLUIDE**
[72] WAKCHAURE, VIJAYKUMAR K., IN
[71] CTR MANUFACTURING INDUSTRIES LIMITED, IN
[85] 2014-10-31
[86] 2012-05-01 (PCT/IN2012/052168)
[87] (WO2013/164662)

[21] **2,872,336**
[13] A1

[51] **Int.Cl. A61L 2/00 (2006.01)**
[25] EN
[54] **PRODUCTION OF STERILE ACTIVE PHARMACEUTICAL INGREDIENTS**
[54] **PRODUCTION DE PRINCIPES PHARMACEUTIQUES ACTIFS STERILES**
[72] LEONE, MARIO, IT
[72] MOROSINI, PIERFRANCESCO, IT
[71] ICROM SPA, IT
[85] 2014-10-31
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[87] (WO2013/168186)

[21] **2,872,337**
[13] A1

[51] **Int.Cl. F01K 23/06 (2006.01) F22B 1/02 (2006.01) F22B 1/18 (2006.01)**
[25] EN
[54] **METHOD FOR USING THE EXHAUST GASES FROM PLANTS FOR RAW IRON MANUFACTURE FOR GENERATING STEAM**
[54] **PROCEDE POUR UTILISER LES GAZ D'ECHAPPEMENT PROVENANT D'INSTALLATIONS DE PRODUCTION DE FONTE BRUTE POUR GENERER DE LA VAPEUR**
[72] MILLNER, ROBERT, AT
[72] WIEDER, KURT, AT
[72] WURM, JOHANN, AT
[71] SIEMENS VAI METALS TECHNOLOGIES GMBH, AT
[85] 2014-10-31
[86] 2013-04-05 (PCT/EP2013/057174)
[87] (WO2013/164153)
[30] EP (12166625.9) 2012-05-03

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[51] **Int.Cl. A61K 9/00 (2006.01) A61F 9/00 (2006.01) A61K 31/5575 (2006.01) A61L 31/04 (2006.01) A61L 31/16 (2006.01) A61P 27/06 (2006.01)**
[25] EN
[54] **DRUG DELIVERY SYSTEM AND METHODS OF TREATING OPEN ANGLE GLAUCOMA AND OCULAR HYPERTENSION**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT ET PROCEDES DE TRAITEMENT D'UN GLAUCOME A ANGLE OUVERT ET DE L'HYPERTENSION OCULAIRE**
[72] UTKHEDE, DEEPANK, CA
[72] CADDEN, SUZANNE, CA
[72] HAO, YONG, CA
[71] QLT INC., CA
[85] 2014-10-31
[86] 2013-02-27 (PCT/IB2013/000694)
[87] (WO2013/164671)
[30] US (61/642,287) 2012-05-03
[30] US (61/644,401) 2012-05-08
[30] US (61/644,397) 2012-05-08
[30] US (61/659,921) 2012-06-14
[30] US (61/680,641) 2012-08-07
[30] US (61/717,615) 2012-10-23

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[13] A1
[51] **Int.Cl. A61L 15/24 (2006.01) A61L 15/32 (2006.01) A61L 15/44 (2006.01)**
[25] EN
[54] **WOUND DRESSINGS**
[54] **PANSEMENTS POUR PLAIE**
[72] MCINROY, LORNA, GB
[71] SYSTAGENIX WOUND MANAGEMENT IP CO. B.V., NL
[85] 2014-10-31
[86] 2013-05-01 (PCT/IB2013/053448)
[87] (WO2013/164774)
[30] GB (1207617.0) 2012-05-02

[21] **2,872,341**
[13] A1
[51] **Int.Cl. C22B 60/02 (2006.01) B01D 11/04 (2006.01) C22B 3/20 (2006.01)**
[25] EN
[54] **URANIUM SOLVENT EXTRACTION METHOD**
[54] **PROCEDE D'EXTRACTION DE SOLVANT D'URANIUM**
[72] NAKAYAMA, TAKASHI, JP
[71] JGC CORPORATION, JP
[85] 2014-10-31
[86] 2012-05-18 (PCT/JP2012/003274)
[87] (WO2013/171804)

[21] **2,872,342**
[13] A1
[51] **Int.Cl. C21D 8/10 (2006.01) C21D 9/08 (2006.01) C22C 38/00 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH-STRENGTH SEAMLESS STAINLESS STEEL TUBE FOR OIL COUNTRY TUBULAR GOODS AND METHOD FOR MANUFACTURING THE SAME**
[54] **TUYAU SANS SOUDURE EN ACIER INOXYDABLE A HAUTE RESISTANCE DESTINE A ETRE UTILISE COMME TUYAUTERIE DE Puits DE PETROLE ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
[72] MIYATA, YUKIO, JP
[72] ISHIGURO, YASUHIRO, JP
[72] ISHIKAWA, KAZUTOSHI, JP
[72] NAKAHASHI, TETSU, JP
[71] JFE STEEL CORPORATION, JP
[85] 2014-10-31
[86] 2013-05-30 (PCT/JP2013/003411)
[87] (WO2013/179667)
[30] JP (2012-125126) 2012-05-31

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[13] A1
[51] **Int.Cl. H01L 51/42 (2006.01) H01L 31/10 (2006.01)**
[25] EN
[54] **PHOTOVOLTAIC ELEMENT**
[54] **ELEMENT PHOTOVOLTAIQUE**
[72] SHIMOMURA, SATORU, JP
[72] YAMAMOTO, SHUHEI, JP
[72] KITAZAWA, DAISUKE, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2014-10-31
[86] 2013-05-27 (PCT/JP2013/064604)
[87] (WO2014/002664)
[30] JP (2012-142712) 2012-06-26

[21] **2,872,344**
[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 33/13 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR LONG-TERM MONITORING OF A WELL SYSTEM DURING ABANDONMENT**
[54] **PROCEDES ET SYSTEMES POUR SURVEILLER DANS LE LONG TERME LE COMPORTEMENT D'UN SYSTEME DE Puits APRES SON ABANDON**
[72] CROW, WALTER PATRICK, US
[71] BP CORPORATION NORTH AMERICA INC., US
[85] 2014-10-31
[86] 2012-05-10 (PCT/US2012/037245)
[87] (WO2013/169255)

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[13] A1
[51] **Int.Cl. C11D 3/50 (2006.01) C11D 17/00 (2006.01) C11D 17/04 (2006.01)**
[25] EN
[54] **MULTIPHASE SURFACTANT FRAGRANCE COMPOSITION**
[54] **COMPOSITION DE PARFUM ET DE TENSIO-ACTIF MULTI-PHASES**
[72] KNORR, JOSEPH, US
[72] MAO, JUNHONG, US
[72] KUGLER, ALISON, US
[72] MEHRETEAB, AMMANUEL, US
[72] POTANIN, ANDREI, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2014-10-31
[86] 2012-05-17 (PCT/US2012/038408)
[87] (WO2013/172844)

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[13] A1
[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/40 (2006.01)**
[25] EN
[54] **ELECTRIC FAN**
[54] **VENTILATEUR**
[72] HA, SUNG WOO, KR
[71] HA, SUNG WOO, KR
[85] 2014-10-31
[86] 2012-09-19 (PCT/KR2012/007496)
[87] (WO2013/165056)
[30] KR (20-2012-0003629) 2012-05-02
[30] KR (20-2012-0008383) 2012-09-19

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[13] A1

[51] **Int.Cl. G01R 33/563 (2006.01) A61B 5/055 (2006.01) G01N 24/00 (2006.01)**

[25] EN

[54] **ANALYSIS FOR QUANTIFYING MICROSCOPIC DIFFUSION ANISOTROPY**

[54] **ANALYSE DE QUANTIFICATION DE L'ANISOTROPIE DE LA DIFFUSION MICROSCOPIQUE**

[72] TOPGAARD, DANIEL, SE

[72] LASIC, SAMO, SE

[72] NILSSON, MARKUS, SE

[71] CR DEVELOPMENT AB, SE

[85] 2014-10-31

[86] 2013-05-03 (PCT/SE2013/050493)

[87] (WO2013/165313)

[30] SE (1250453-6) 2012-05-04

[30] US (61/642,589) 2012-05-04

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[13] A1

[51] **Int.Cl. G01R 33/563 (2006.01) G01R 33/48 (2006.01) G01R 33/561 (2006.01)**

[25] EN

[54] **PULSE SEQUENCE METHOD FOR MRI**

[54] **PROCEDE D'ETABLISSEMENT D'UNE SEQUENCE D'IMPULSIONS POUR L'IMAGERIE PAR RESONANCE MAGNETIQUE**

[72] TOPGAARD, DANIEL, SE

[72] LASIC, SAMO, SE

[72] NILSSON, MARKUS, SE

[71] CR DEVELOPMENT AB, SE

[85] 2014-10-31

[86] 2013-05-03 (PCT/SE2013/050492)

[87] (WO2013/165312)

[30] SE (1250452-8) 2012-05-04

[30] US (61/642,594) 2012-05-04

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[13] A1

[51] **Int.Cl. B01D 11/04 (2006.01) B01F 17/00 (2006.01) C01G 1/04 (2006.01) C09K 8/58 (2006.01)**

[25] EN

[54] **OIL RECOVERY FROM OIL SLUDGE WITH NANOEMULSION SURFACTANT**

[54] **RECUPERATION D'HUILE DANS DES BOUES CONTENANT DE L'HUILE AU MOYEN D'UN TENSIOACTIF SOUS FORME DE NANOEMULSION**

[72] SEE, CHUN HWA, MY

[72] WASAN, SAPHANUCHART, MY

[72] LOOI, MING HOONG, MY

[72] CHONG, YANG LOONG, MY

[71] BCI CHEMICAL CORPORATION SDN. BHD., MY

[85] 2014-10-31

[86] 2013-04-22 (PCT/MY2013/000087)

[87] (WO2013/157921)

[30] MY (PI 2012700208) 2012-04-20

[21] **2,872,354**
[13] A1

[51] **Int.Cl. C01B 31/18 (2006.01) C07C 68/00 (2006.01) C07C 201/02 (2006.01) C07D 301/04 (2006.01) C07D 305/12 (2006.01) C25B 1/02 (2006.01) C25B 1/04 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PRODUCTION OF CHEMICAL COMPOUNDS FROM CARBON DIOXIDE**

[54] **PROCEDE DE PRODUCTION DE COMPOSES CHIMIQUES A PARTIR DE DIOXYDE DE CARBONE**

[72] SCHJODT, CHRISTIAN NIELS, DK

[72] BOGILD HANSEN, JOHN, DK

[72] FRIIS PEDERSEN, CLAUS, DK

[71] HALDOR TOPSOE A/S, DK

[85] 2014-10-31

[86] 2013-04-11 (PCT/EP2013/057567)

[87] (WO2013/164172)

[30] DK (PA 2012 70225) 2012-05-02

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[13] A1

[51] **Int.Cl. H04W 52/14 (2009.01) H04W 52/22 (2009.01) H04W 52/24 (2009.01) H04W 52/38 (2009.01)**

[25] EN

[54] **RADIO NETWORK NODE, USER EQUIPMENT AND METHODS THEREIN FOR**

[54] **NOEUD DE RESEAU RADIO, EQUIPEMENT UTILISATEUR ET LEURS PROCEDES**

[72] ERIKSSON, ERIK, SE

[72] ASTELY, DAVID, SE

[71] TELEFONAKTIEBOLAGET LM ERIKSSON (PUBL), SE

[85] 2014-10-31

[86] 2012-05-03 (PCT/SE2012/050458)

[87] (WO2013/165286)

[21] **2,872,363**
[13] A1

[51] **Int.Cl. B67D 1/06 (2006.01) B67D 1/14 (2006.01)**

[25] EN

[54] **BEVERAGE DISPENSING UNIT WITH OPENABLE PINCH VALVE**

[54] **UNITE DE DISTRIBUTION DE BOISSON AYANT UN ROBINET A MANCHON OUVRABLE**

[72] PEIRSMAN, DANIEL, BE

[72] VAN HOVE, SARAH, BE

[72] VAN ROMPAEY, JOHAN, BE

[71] ANHEUSER-BUSCH INBEV SA, BE

[85] 2014-10-31

[86] 2013-04-26 (PCT/EP2013/058690)

[87] (WO2013/164258)

[30] EP (12166357.9) 2012-05-02

[21] **2,872,364**
[13] A1

[51] **Int.Cl. A61N 5/06 (2006.01)**

[25] EN

[54] **DEVICE FOR EXTERNAL MEDICAL TREATMENT USING LIGHT OF VARYING PULSE LENGTHS**

[54] **DISPOSITIF DE TRAITEMENT MEDICAL EXTERNE UTILISANT UNE LUMIERE DE LONGUEURS D'IMPULSION VARIABLES**

[72] THIBERG, ROLF, SE

[71] BIOLIGHT PATENT HOLDING AB, SE

[85] 2014-10-31

[86] 2013-04-26 (PCT/SE2013/050467)

[87] (WO2013/169180)

[30] SE (1250461-9) 2012-05-07

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[21] **2,872,367**
[13] A1
[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **DEVICE FOR EXTERNAL MEDICAL TREATMENT USING LIGHT WITH SEVERAL SERIES OF INCREASING PULSE FREQUENCIES**
[54] **DISPOSITIF DE TRAITEMENT MEDICAL EXTERNE UTILISANT UNE LUMIERE AVEC PLUSIEURS SERIES DE FREQUENCES D'IMPULSION CROISSANTES**
[72] THIBERG, ROLF, SE
[71] BRIGHT PATENT HOLDING AB, SE
[85] 2014-10-31
[86] 2013-04-26 (PCT/SE2013/050468)
[87] (WO2013/169181)
[30] SE (1250462-7) 2012-05-07

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[13] A1
[51] **Int.Cl. B67D 1/04 (2006.01) B67D 1/06 (2006.01) B67D 1/08 (2006.01) B67D 1/12 (2006.01) B67D 1/14 (2006.01)**
[25] EN
[54] **COMPACT BEVERAGE DISPENSING UNIT**
[54] **UNITE DE DISTRIBUTION DE BOISSON COMPACTE**
[72] PEIRSMAN, DANIEL, BE
[72] VAN HOVE, SARAH, BE
[72] VAN ROMPAEY, JOHAN, BE
[71] ANHEUSER-BUSCH INBEV SA, BE
[85] 2014-10-31
[86] 2013-04-26 (PCT/EP2013/058696)
[87] (WO2013/164259)
[30] EP (12166358.7) 2012-05-02

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[13] A1
[51] **Int.Cl. F16J 15/32 (2006.01)**
[25] EN
[54] **SHAFT SEAL WITH LAMELLAE**
[54] **GARNITURE D'ETANCHEITE D'ARBRE A LAMELLES**
[72] GUNTHER, NORBERT, DE
[72] EGGERT, GUNTHER, DE
[72] ENGEL, ROBERT, DE
[72] GENZ, TORALF, DE
[71] EN3 GMBH, DE
[85] 2014-10-31
[86] 2013-04-26 (PCT/EP2013/058710)
[87] (WO2013/164261)
[30] DE (10 2012 009 095.1) 2012-05-03

[21] **2,872,374**
[13] A1
[51] **Int.Cl. C07D 401/12 (2006.01) A01N 43/40 (2006.01) C07D 249/14 (2006.01)**
[25] EN
[54] **N-(TETRAZOL-5-YL)- AND N-(TRIAZOL-5-YL)ARYLCARBOXAMIDE SALTS AND USE THEREOF AS HERBICIDES**
[54] **SELS DES AMIDES D'ACIDE N-(TETRAZOL-5-YL)-ARYLCARBOXYLIQUE ET N-(TRIAZOL-5-YL)ARYLCARBOXYLIQUE, ET LEUR UTILISATION COMME HERBICIDES**
[72] BRAUN, RALF, DE
[72] DORNER-RIEPING, SIMON, DE
[72] AHRENS, HARTMUT, DE
[72] WALDRAFF, CHRISTIAN, DE
[72] KOHN, ARNIM, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[71] BAYER CROPS SCIENCE AG, DE
[85] 2014-10-31
[86] 2013-04-30 (PCT/EP2013/058964)
[87] (WO2013/164331)
[30] EP (12166621.8) 2012-05-03

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[51] **Int.Cl. C07D 401/12 (2006.01) A01N 43/50 (2006.01) C07D 413/12 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **6-PYRIDONE-2-CARBAMOYL-AZOLES AND THEIR USE AS HERBICIDES**
[54] **6-PYRIDON-2-CARBAMOYL-AZOLES ET LEUR UTILISATION COMME HERBICIDES**
[72] BRAUN, RALF, DE
[72] LEHR, STEFAN, DE
[72] KOHN, ARNIM, DE
[72] DIETRICH, HANSJORG, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
[72] SCHMUTZLER, DIRK, DE
[71] BAYER CROPS SCIENCE AG, DE
[85] 2014-10-31
[86] 2013-04-30 (PCT/EP2013/058968)
[87] (WO2013/164333)
[30] EP (12166629.1) 2012-05-03

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[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01) G01N 33/53 (2006.01) G01N 33/80 (2006.01)**
[25] EN
[54] **PHOTONIC BLOOD TYPING**
[54] **TYPAGE DE SANG PHOTONIQUE**
[72] BRAULT, NORMAN D., US
[72] RATNER, DANIEL M., US
[72] JOHNSON, JILL M., US
[72] KIRK, JAMES T., US
[72] LOPEZ, JOSE A., US
[72] JIANG, SHAOYI, US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[71] PUGET SOUND BLOOD CENTER, US
[85] 2014-10-31
[86] 2012-07-20 (PCT/US2012/047745)
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[30] US (61/509,776) 2011-07-20
[30] US (61/588,785) 2012-01-20

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[13] A1
[51] **Int.Cl. H04L 5/14 (2006.01) H04L 5/00 (2006.01)**
[25] EN
[54] **PHICH TRANSMISSION IN TIME DIVISION DUPLEX SYSTEMS**
[54] **TRANSMISSION DE PHICH DANS DES SYSTEMES A DUPLEXAGE PAR REPARTITION DANS LE TEMPS**
[72] WANG, YIPING, US
[72] WENG, JIANFENG, CA
[72] LI, JUN, US
[71] BLACKBERRY LIMITED, CA
[85] 2014-10-31
[86] 2012-10-24 (PCT/US2012/061709)
[87] (WO2013/169287)
[30] US (61/645,939) 2012-05-11

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[25] EN
[54] **PHICH RESOURCE PROVISIONING IN TIME DIVISION DUPLEX SYSTEMS**
[54] **MISE A DISPOSITION DE RESSOURCES DE PHICH DANS DES SYSTEMES A DUPLEXAGE PAR REPARTITION DANS LE TEMPS**
[72] WANG, YIPING, US
[72] WENG, JIANFENG, CA
[72] LI, JUN, US
[71] BLACKBERRY LIMITED, CA
[85] 2014-10-31
[86] 2012-10-24 (PCT/US2012/061713)
[87] (WO2013/169288)
[30] US (61/645,943) 2012-05-11

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[13] A1

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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR DIRECT SYSTEMIC INTRODUCTION**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR UNE INTRODUCTION SYSTEMIQUE DIRECTE**
[72] RIDALL, MARK, US
[72] ROCK, DAVID, US
[71] NEW MARKET PHARMACEUTICALS, US
[85] 2014-10-31
[86] 2012-12-17 (PCT/US2012/070031)
[87] (WO2013/165468)
[30] US (61/641,509) 2012-05-02
[30] US (61/674,435) 2012-07-23
[30] US (61/678,355) 2012-08-01

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[51] **Int.Cl. A61B 17/15 (2006.01) A61B 17/17 (2006.01) A61B 19/00 (2006.01)**
[25] EN
[54] **SURGICAL GUIDES FROM SCANNED IMPLANT DATA**
[54] **GUIDES CHIRURGICAUX PROVENANT DE DONNEES D'IMPLANT BALAYEES**
[72] DAVISON, ANDREW CHARLES, US
[72] MEST, JOHN WAYNE, US
[71] DEPUY SYNTHES PRODUCTS, LLC, US
[85] 2014-10-31
[86] 2013-03-11 (PCT/US2013/030131)
[87] (WO2013/165558)
[30] US (61/642,063) 2012-05-03
[30] US (61/645,890) 2012-05-11
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[51] **Int.Cl. A61B 17/15 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **SURGICAL GUIDE WITH CUT RESISTANT INSERTS**
[54] **GUIDE CHIRURGICAL AYANT DES INSERTS RESISTANT A LA COUPE**
[72] DAVISON, ANDREW C., US
[72] BARTHOLD, MICHAEL, US
[71] DEPUY SYNTHES PRODUCTS, LLC, US
[85] 2014-10-31
[86] 2013-03-11 (PCT/US2013/030139)
[87] (WO2013/165559)
[30] US (61/642,063) 2012-05-03
[30] US (61/645,890) 2012-05-11
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[25] EN
[54] **CERAGENIN PARTICULATE MATERIALS AND METHODS FOR MAKING SAME**
[54] **MATERIAUX PARTICULAIRES DE CERAGENINE ET PROCEDES POUR FABRIQUER CEUX-CI**
[72] SAVAGE, PAUL B., US
[72] GENBERG, CARL, US
[71] BRIGHAM YOUNG UNIVERSITY, US
[85] 2014-10-31
[86] 2013-03-13 (PCT/US2013/030955)
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[30] US (61/641,771) 2012-05-02

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[51] **Int.Cl. A61K 31/485 (2006.01) A61K 47/24 (2006.01) A61P 1/00 (2006.01) A61P 25/04 (2006.01)**
[25] EN
[54] **BIOAVAILABILITY OF ORAL METHYLNALTREXONE INCREASES WITH A PHOSPHATIDYLCHOLINE-BASED FORMULATION**
[54] **AUGMENTATIONS DE LA BIODISPONIBILITE DE METHYLNALTREXONE ORALE PAR UNE FORMULATION A BASE DE PHOSPHATIDYLCHOLINE**
[72] YUAN, CHUN-SU, US
[72] WANG, CHONG-ZHI, US
[72] GU, MAOJIAN, US
[72] LIN, DONG-HAI, US
[71] UNIVERSITY OF CHICAGO, US
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[86] 2013-03-13 (PCT/US2013/031078)
[87] (WO2013/165577)
[30] US (61/642,837) 2012-05-04

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[13] A1
[51] **Int.Cl. G08B 13/24 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR
DETECTING PRESENCE OF AN
OBJECT**
[54] **SYSTEME ET PROCEDE
PERMETTANT DE DETECTER LA
PRESENCE D'UN OBJET**
[72] ALICOT, JORGE F., US
[72] MOHIUDDIN, MOHAMMAD, US
[71] TYCO FIRE & SECURITY GMBH,
CH
[85] 2014-10-31
[86] 2013-03-25 (PCT/US2013/033710)
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[30] US (61/618,130) 2012-03-30

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[13] A1
[51] **Int.Cl. E21B 23/06 (2006.01) E21B
33/12 (2006.01)**
[25] EN
[54] **DISINTEGRABLE METAL CONE,
PROCESS OF MAKING, AND USE
OF THE SAME**
[54] **CONE METALLIQUE
DESINTEGRABLE, SON
PROCEDE DE FABRICATION ET
SON UTILISATION**
[72] XU, ZHIYUE, US
[72] XU, YINGQING, US
[72] HERN, GREGORY LEE, US
[72] RICHARD, BENNETT M., US
[71] BAKER HUGHES INCORPORATED,
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[85] 2014-10-31
[86] 2013-04-04 (PCT/US2013/035261)
[87] (WO2013/169417)
[30] US (13/466,329) 2012-05-08

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[13] A1
[51] **Int.Cl. E21B 33/12 (2006.01) E21B
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[25] EN
[54] **DISINTEGRABLE AND
CONFORMABLE METALLIC
SEAL, AND METHOD OF
MAKING THE SAME**
[54] **JOINT METALLIQUE
DESINTEGRABLE ET
ADAPTABLE ET SON PROCEDE
DE FABRICATION**
[72] XU, ZHIYUE, US
[72] XU, YINGQING, US
[72] HERN, GREGORY LEE, US
[72] RICHARD, BENNETT M., US
[71] BAKER HUGHES INCORPORATED,
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[85] 2014-10-31
[86] 2013-04-04 (PCT/US2013/035262)
[87] (WO2013/169418)
[30] US (13/466,311) 2012-05-08

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **AUTOMATIC LIGHT FIXTURE
ADDRESS SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME
D'ADRESSE D'APPAREIL
D'ECLAIRAGE AUTOMATIQUE**
[72] SHEA, CASEY, US
[72] CAMPBELL, GREGORY, US
[71] LUMENPULSE LIGHTING INC., CA
[85] 2014-10-31
[86] 2013-04-10 (PCT/US2013/035937)
[87] (WO2013/165663)
[30] US (61/642,758) 2012-05-04

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[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01) H04W
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[25] EN
[54] **METHOD AND SYSTEM FOR
LOW POWER DOWNLINK
TRANSMISSION IN
HETEROGENOUS NETWORKS**
[54] **PROCEDE ET SYSTEME POUR
TRANSMISSION EN LIAISON
DESCENDANTE A FAIBLE
PUISSANCE DANS DES RESEAUX
HETEROGENES**
[72] BONTU, CHANDRA SEKHAR, CA
[72] SONG, YI, US
[72] CAI, ZHIJUN, US
[71] BLACKBERRY LIMITED, CA
[85] 2014-10-31
[86] 2013-04-11 (PCT/US2013/036218)
[87] (WO2013/169433)
[30] US (13/470,009) 2012-05-11

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[13] A1
[51] **Int.Cl. A23K 1/00 (2006.01) A23K
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[25] EN
[54] **COMPOSITION COMPRISING A
SENSITIVE INGREDIENT**
[54] **COMPOSITION COMPORTANT
UN INGREDIENT SENSIBLE**
[72] TER HAAR, ROBBERT H., US
[72] SUNVOLD, GREGORY DEAN, US
[72] HORGAN, MONIKA BARBARA, US
[72] SCHUMACHER, LAWRENCE
ANDREW, US
[71] THE IAMS COMPANY, US
[85] 2014-10-31
[86] 2013-04-30 (PCT/US2013/038826)
[87] (WO2013/165993)
[30] US (13/460,989) 2012-05-01

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[51] **Int.Cl. A61J 1/05 (2006.01) A61L 29/00 (2006.01) A61L 29/12 (2006.01)**
[25] EN
[54] **CONTAINER AND METHOD FOR STORING A PHARMACEUTICAL AGENT**
[54] **CONTENANT ET PROCEDE DE STOCKAGE D'UN AGENT PHARMACEUTIQUE**
[72] ALARCON, JAVIER, US
[72] RIGGSBEE, WILLIAM, US
[72] HORVATH, JOSHUA, US
[72] KOMMIREDDY, DINESH, US
[72] PETTIS, RONALD, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2014-10-31
[86] 2013-04-30 (PCT/US2013/038864)
[87] (WO2013/166014)
[30] US (13/463,509) 2012-05-03

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[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **COLLABORATIVE SPATIAL POSITIONING**
[54] **POSITIONNEMENT SPATIAL COLLABORATIF**
[72] BRUEMMER, DAVID J., US
[72] HARDIN, BENJAMIN C., US
[72] NIELSEN, CURTIS W., US
[71] 5D ROBOTICS, INC., US
[85] 2014-10-31
[86] 2013-05-01 (PCT/US2013/038979)
[87] (WO2013/166090)
[30] US (61/641,201) 2012-05-01
[30] US (61/652,347) 2012-05-29
[30] US (61/773,063) 2013-03-05
[30] US (13/873,606) 2013-04-30

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[13] A1

[51] **Int.Cl. G06T 19/20 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CONSOLIDATED MANAGEMENT AND DISTRIBUTION OF ORTHODONTIC CARE DATA, INCLUDING AN INTERACTIVE THREE-DIMENSIONAL TOOTH CHART MODEL**
[54] **SYSTEMES ET PROCEDES POUR LA GESTION CONSOLIDEE ET LA DISTRIBUTION DE DONNEES DE SOINS ORTHODONTIQUES, COMPRENANT UN MODELE DE DIAGRAMME DENTAIRE TRIDIMENSIONNEL INTERACTIF**
[72] SANCHEZ, MARK, US
[71] COGENT DESIGN, INC. DBA TOPS SOFTWARE, US
[85] 2014-10-30
[86] 2013-05-02 (PCT/US2013/039231)
[87] (WO2013/166262)
[30] US (61/641,456) 2012-05-02

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[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **CONFLICT RESOLUTION BASED ON OBJECT BEHAVIORAL DETERMINATION AND COLLABORATIVE RELATIVE POSITIONING**
[54] **RESOLUTION DE CONFLITS SUR LA BASE DE LA DETERMINATION DU COMPORTEMENT DES OBJETS ET DU POSITIONNEMENT RELATIF COLLABORATIF**
[72] BRUEMMER, DAVID J., US
[72] HARDIN, BENJAMIN C., US
[72] NIELSEN, CURTIS W., US
[71] 5D ROBOTICS, INC., US
[85] 2014-10-31
[86] 2013-05-01 (PCT/US2013/038982)
[87] (WO2013/166093)
[30] US (61/641,201) 2012-05-01
[30] US (61/652,347) 2012-05-29
[30] US (61/773,063) 2013-03-05
[30] US (13/873,620) 2013-04-30

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[13] A1

[51] **Int.Cl. G05D 1/00 (2006.01)**
[25] EN
[54] **DISTRIBUTED POSITIONING AND COLLABORATIVE BEHAVIOR DETERMINATION**
[54] **DETERMINATION DE COMPORTEMENT COLLABORATIF ET DE POSITIONNEMENT REPARTI**
[72] BRUEMMER, DAVID J., US
[72] HARDIN, BENJAMIN C., US
[72] NIELSEN, CURTIS W., US
[71] 5D ROBOTICS, INC., US
[85] 2014-10-31
[86] 2013-05-01 (PCT/US2013/038987)
[87] (WO2013/166096)
[30] US (61/641,201) 2012-05-01
[30] US (61/652,347) 2012-05-29
[30] US (61/773,063) 2013-03-05
[30] US (13/873,631) 2013-04-30

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[13] A1

[51] **Int.Cl. A63B 21/055 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN SPORTS PERFORMANCE ENHANCEMENT SYSTEMS**
[54] **AMELIORATIONS DE SYSTEMES D'AMELIORATION DE PERFORMANCES SPORTIVES**
[72] CRANKE, CHRISTOPHER T., US
[72] SCHREIBER, DANIEL, US
[71] TRUE FORM, LLC, US
[85] 2014-10-29
[86] 2013-05-06 (PCT/US2013/039703)
[87] (WO2013/166493)
[30] US (13/464,853) 2012-05-04
[30] US (61/778,726) 2013-03-13

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[13] A1

[51] **Int.Cl. G01N 33/48 (2006.01) A61M 5/31 (2006.01) B81B 1/00 (2006.01) G01N 1/02 (2006.01)**
[25] EN
[54] **SAMPLE INTRODUCTION SYSTEM**
[54] **SYSTEME D'INTRODUCTION D'ECHANTILLON**
[72] RASMUSSEN, JAMES E., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2014-10-31
[86] 2013-05-01 (PCT/US2013/039002)
[87] (WO2013/166106)
[30] US (61/642,820) 2012-05-04

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[13] A1
[51] **Int.Cl. B29C 67/00 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR A STEREOGRAPHIC MACHINE, STEREOGRAPHIC MACHINE COMPRISING SAID CARTRIDGE AND METHOD OF MANUFACTURING SAID CARTRIDGE**
[54] **CARTOUCHE POUR UNE MACHINE STEREOGRAPHIQUE, MACHINE STEREOGRAPHIQUE COMPRENANT LADITE CARTOUCHE ET PROCEDE DE FABRICATION DE LADITE CARTOUCHE**
[72] COSTABEER, ETTORE MAURIZIO, IT
[71] DWS S.R.L., IT
[85] 2014-10-23
[86] 2013-07-25 (PCT/IB2013/001621)
[87] (WO2014/016668)
[30] IT (VI2012A000183) 2012-07-27

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[13] A1
[51] **Int.Cl. C03C 3/253 (2006.01) A61B 17/58 (2006.01) A61L 24/02 (2006.01) A61L 24/12 (2006.01) C03C 4/08 (2006.01) C03C 12/00 (2006.01)**
[25] EN
[54] **GERMANIUM-BASED GLASS POLYALKENOATE CEMENT**
[54] **CIMENT DE POLYALCENOATE DE VERRE A BASE DE GERMANIUM**
[72] DICKINSON, VICTORIA, CA
[72] BOYD, DANIEL, CA
[72] DICKEY, BRETT, CA
[72] KEHOE, SHARON, CA
[71] DALHOUSIE UNIVERSITY, CA
[85] 2014-10-31
[86] 2013-05-03 (PCT/IB2013/001166)
[87] (WO2013/164696)
[30] US (61/642,444) 2012-05-03
[30] US (61/643,077) 2012-05-04

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[13] A1
[51] **Int.Cl. B01D 53/64 (2006.01)**
[25] EN
[54] **DRY PROCESSES, APPARATUS, COMPOSITIONS AND SYSTEMS FOR REDUCING MERCURY, SULFUR OXIDES AND HCl**
[54] **PROCEDES A SEC, APPAREIL, COMPOSITIONS ET SYSTEMES POUR LA REDUCTION DU MERCURE, D'OXYDES DE SOUFRE ET DE HCL**
[72] SMYRNIOTIS, CHRISTOPHER R., US
[72] SCHULZ, KENT W., US
[72] RIVERA, EMELITO P., US
[72] FANG, MINGMING, US
[71] FUEL TECH, INC., US
[85] 2014-10-31
[86] 2013-05-01 (PCT/US2013/039083)
[87] (WO2013/166161)
[30] US (61/641,055) 2012-05-01

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[13] A1
[51] **Int.Cl. C07C 215/30 (2006.01)**
[25] EN
[54] **METHODS FOR THE TREATMENT OF DIABETIC RETINOPATHY AND OTHER OPHTHALMIC DISEASES**
[54] **PROCEDES POUR LE TRAITEMENT DE LA RETINOPATHIE DIABETIQUE ET D'AUTRES MALADIES OPHTHALMIQUES**
[72] BAVIK, CLAES OLOF, US
[72] HENRY, SUSAN HAYES, US
[72] KUBOTA, RYO, US
[72] KUKSA, VLADIMIR A., US
[71] ACUCELA INC., US
[85] 2014-10-31
[86] 2013-05-03 (PCT/US2013/039562)
[87] (WO2013/166449)
[30] US (61/643,178) 2012-05-04
[30] US (61/643,058) 2012-05-04
[30] US (61/643,051) 2012-05-04
[30] US (61/781,907) 2013-03-14

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[13] A1
[51] **Int.Cl. F22B 35/00 (2006.01) F22B 33/18 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR ALLOCATING STEAM FLOW THROUGH ELEMENTS**
[54] **SYSTEME DE COMMANDE PERMETTANT D'ATTRIBUER UN COURANT DE VAPEUR DANS DES ELEMENTS**
[72] JANVIER, BENOIT, CA
[71] ENERO INVENTIONS INC., CA
[85] 2014-11-03
[86] 2012-05-04 (PCT/CA2012/050293)
[87] (WO2013/163722)

[21] **2,872,437**
[13] A1
[51] **Int.Cl. A61B 5/1455 (2006.01)**
[25] EN
[54] **TISSUE OXIMETRY PROBE GEOMETRY FOR ROBUST CALIBRATION AND SELF-CORRECTION**
[54] **GEOMETRIE DE SONDE D'OXYMETRIE DE TISSU POUR L'ETALONNAGE ET LA CORRECTION AUTOMATIQUE ROBUSTES**
[72] BECHTEL, KATE LEEANN, US
[72] WILFLEY, BRIAN, US
[71] VIOPTIX, INC., US
[85] 2014-10-31
[86] 2013-05-03 (PCT/US2013/039575)
[87] (WO2013/166461)
[30] US (61/642,389) 2012-05-03
[30] US (61/642,393) 2012-05-03
[30] US (61/642,395) 2012-05-03
[30] US (61/642,399) 2012-05-03
[30] US (61/682,146) 2012-08-10

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[13] A1
[51] **Int.Cl. H05K 7/16 (2006.01) G11B 33/12 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **RACK MODULE**
[54] **MODULE DE RACK**
[72] MANDA, ION, GB
[71] MANDA, ION, GB
[85] 2014-11-03
[86] 2012-05-10 (PCT/GB2012/051028)
[87] (WO2012/153141)
[30] GB (1107860.7) 2011-05-11

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[13] A1

[51] **Int.Cl. H04L 12/28 (2006.01) F21V 33/00 (2006.01) H05B 37/02 (2006.01)**
[25] EN
[54] **POWER LINE NON-LIGHTING APPLICATION CONTROLLER SYSTEM COMPRISING A LIGHT FIXTURE AND METHOD**
[54] **SYSTEME DE DISPOSITIF DE COMMANDE D'APPLICATION AUTRE QUE D'ECLAIRAGE PAR LIGNE ELECTRIQUE COMPRENANT UN APPAREIL D'ECLAIRAGE ET PROCEDE**
[72] CAMPBELL, GREGORY, US
[72] HAMEL, YVAN, CA
[72] RACINE, PHILIPPE, CA
[72] SOUVAY, FRANCOIS-XAVIER, CA
[72] LILLEY, JESSE, CA
[71] LUMENPULSE LIGHTING INC., CA
[85] 2014-10-31
[86] 2013-05-06 (PCT/US2013/039642)
[87] (WO2013/169624)
[30] US (61/643,632) 2012-05-07

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[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD FOR ABSORBING CO2 FROM A GAS MIXTURE**
[54] **PROCEDE D'ABSORPTION DE CO2 D'UN MELANGE DE GAZ**
[72] WILLY, BENJAMIN, DE
[72] RINKER, STEFANIE, DE
[72] NEUMANN, MANFRED, DE
[72] NIEMEYER, JOCHEN, DE
[72] KEUP, MICHAEL, DE
[72] WITTHAUT, DANIEL, DE
[72] SEILER, MATTHIAS, DE
[72] ROLKER, JORN, DE
[72] SCHNEIDER, ROLF, DE
[72] DEMBKOWSKI, DANIEL, DE
[72] BREHME, VOLKER, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2014-11-03
[86] 2013-04-22 (PCT/EP2013/058288)
[87] (WO2013/167367)
[30] DE (10 2012 207 509.7) 2012-05-07

[21] **2,872,442**
[13] A1

[51] **Int.Cl. G01R 22/00 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR MEASUREMENT AND VERIFICATION WEIGHTING WITH TEMPERATURE DISTRIBUTION**
[54] **PROCEDES ET SYSTEMES DE PONDERATION DE MESURE ET DE VERIFICATION AVEC DISTRIBUTION DE TEMPERATURE**
[72] BARTMESS, ROBERT, US
[72] OLNEY, SUMAN, US
[72] DUTTON, DREW JON, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2014-10-31
[86] 2013-05-02 (PCT/US2013/039204)
[87] (WO2013/166243)
[30] US (13/463,901) 2012-05-04
[30] US (13/829,089) 2013-03-14

[21] **2,872,443**
[13] A1

[51] **Int.Cl. G06F 9/06 (2006.01) G06F 15/00 (2006.01) G06F 21/00 (2013.01)**
[25] EN
[54] **A METHOD FOR DYNAMIC GENERATION AND MODIFICATION OF AN ELECTRONIC ENTITY ARCHITECTURE**
[54] **PROCEDE DE GENERATION ET DE MODIFICATION DYNAMIQUES D'UNE ARCHITECTURE D'ENTITE ELECTRONIQUE**
[72] KORMAN, DAVID, IL
[72] SASSON, EFRAIM, IL
[71] SERENTIC LTD., IL
[85] 2014-11-03
[86] 2013-05-06 (PCT/IL2013/050382)
[87] (WO2013/168148)
[30] US (61/688,084) 2012-05-08
[30] US (61/742,029) 2012-08-02

[21] **2,872,444**
[13] A1

[51] **Int.Cl. C01B 11/02 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PRODUCING AQUEOUS CHLORINE DIOXIDE SOLUTIONS, AND STORAGE UNITS AND KITS FOR CORRESPONDING USAGE**
[54] **DISPOSITIF ET PROCEDE DE PRODUCTION DE SOLUTIONS AQUEUSES DE DIOXYDE DE CHLORE AINSI QU'UNITES DE STOCKAGE ET ENSEMBLES POUR UNE UTILISATION CORRESPONDANTE**
[72] KUKE, FRITZ, DE
[71] KUKE, FRITZ, DE
[85] 2014-11-03
[86] 2013-05-06 (PCT/EP2013/059337)
[87] (WO2013/164486)
[30] DE (10 2012 207 472.4) 2012-05-04

[21] **2,872,445**
[13] A1

[51] **Int.Cl. C01B 31/00 (2006.01) H01M 4/62 (2006.01)**
[25] EN
[54] **GRAPHENE POWDER, METHOD FOR PRODUCING GRAPHENE POWDER AND ELECTRODE FOR LITHIUM ION BATTERY CONTAINING GRAPHENE POWDER**
[54] **POUDRE DE GRAPHENE, PROCEDE POUR LA PRODUCTION DE POUDRE DE GRAPHENE ET ELECTRODE POUR BATTERIE AU LITHIUM-ION CONTENANT DE LA POUDRE DE GRAPHENE**
[72] SUN, PEIYU, CN
[72] LIU, GANGQIAO, CN
[72] WU, ZHENQI, CN
[72] WU, GANG, CN
[72] TAMAKI, EIICHIRO, JP
[72] KUBOTA, YASUO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2014-10-31
[86] 2013-05-23 (PCT/CN2013/076173)
[87] (WO2013/181994)
[30] CN (201210196429.3) 2012-06-06

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[21] **2,872,446**
[13] A1

[51] **Int.Cl. C09D 7/00 (2006.01)**

[25] EN

[54] **COMPOSITION AND PROCESS FOR MAKING A POROUS INORGANIC OXIDE COATING**

[54] **COMPOSITION ET PROCEDE POUR LA FORMATION D'UN REVETEMENT D'OXYDE INORGANIQUE POREUX**

[72] ARFSTEN, NANNING JOERG, NL

[72] DIJCK VAN, MICHAEL
ALPHONSUS CORNELIS
JOHANNES, NL

[72] HABETS, ROBERTO ARNOLDUS
DOMINICUS MARIA, NL

[71] DSM IP ASSETS B.V., NL

[85] 2014-11-03

[86] 2013-05-17 (PCT/EP2013/060276)

[87] (WO2013/174754)

[30] EP (12168873.3) 2012-05-22

[30] EP (12168870.9) 2012-05-22

[21] **2,872,447**

[13] A1

[51] **Int.Cl. A61K 48/00 (2006.01) C12N 15/864 (2006.01)**

[25] EN

[54] **VIRAL VECTORS FOR THE TREATMENT OF RETINAL DYSTROPHY**

[54] **VECTEURS VIRAUX POUR LE TRAITEMENT DE LA DYSTROPHIE RETINIENNE**

[72] BIGELOW, CHAD ERIC, US

[72] CHOI, VIVIAN, US

[72] DRYJA, THADDEUS PETER, US

[72] POLICE, SESHIDHAR REDDY, US

[71] NOVARTIS AG, CH

[85] 2014-11-03

[86] 2013-05-02 (PCT/IB2013/053497)

[87] (WO2013/164793)

[30] US (61/642,630) 2012-05-04

[30] US (61/776,167) 2013-03-11

[21] **2,872,448**

[13] A1

[51] **Int.Cl. B65D 17/34 (2006.01)**

[25] EN

[54] **METALLIC END CLOSURE WITH TEAR PANEL HAVING IMPROVED RIGIDITY**

[54] **ELEMENT DE FERMETURE D'EXTREMITÉ METALLIQUE COMPORTANT UNE SECTION DECHIRABLE PRESENTANT UNE RIGIDITE AMELIOREE**

[72] BORK, DANIEL BENJAMIN, US

[71] BALL CORPORATION, US

[85] 2014-10-31

[86] 2013-05-06 (PCT/US2013/039700)

[87] (WO2013/166491)

[30] US (61/642,609) 2012-05-04

[21] **2,872,449**

[13] A1

[51] **Int.Cl. H04L 29/08 (2006.01)**

[25] EN

[54] **FLOW COMPUTERS HAVING WIRELESS COMMUNICATION PROTOCOL INTERFACES AND RELATED METHODS**

[54] **ORDINATEURS DE FLUX AYANT DES INTERFACES DE PROTOCOLE DE COMMUNICATION SANS FIL ET PROCEDES ASSOCIES**

[72] PARENT, JEFFREY DAVID, US

[72] VANDERAH, RICHARD JOSEPH, US

[71] BRISTOL, INC., D/B/A REMOTE
AUTOMATED SOLUTIONS, US

[85] 2014-10-31

[86] 2013-05-02 (PCT/US2013/039222)

[87] (WO2013/166254)

[30] US (13/463,189) 2012-05-03

[21] **2,872,450**

[13] A1

[51] **Int.Cl. B65D 75/58 (2006.01)**

[25] EN

[54] **PACKAGE AND METHOD FOR PRODUCING THE PACKAGE**

[54] **EMBALLAGE ET PROCEDE DE FABRICATION DE L'EMBALLAGE**

[72] EXNER, RONALD H., DE

[72] VETERNIK, PAUL, DE

[72] DAGESTAN, OLAV, CH

[71] KRAFT FOODS R & D, INC., US

[85] 2014-11-03

[86] 2013-05-21 (PCT/EP2013/060383)

[87] (WO2013/174799)

[30] GB (1209128.6) 2012-05-21

[21] **2,872,451**

[13] A1

[51] **Int.Cl. F28F 19/02 (2006.01) F22B 31/04 (2006.01) F28F 19/06 (2006.01)**

[25] EN

[54] **HEAT EXCHANGER HAVING ENHANCED CORROSION RESISTANCE**

[54] **ECHANGEUR DE CHALEUR PRESENTANT UNE RESISTANCE ACCRUE A LA CORROSION**

[72] MIKKELSEN, LARS, DK

[71] BABCOCK & WILCOX VOLUND
A/S, DK

[85] 2014-11-03

[86] 2012-05-16 (PCT/IB2012/052479)

[87] (WO2013/171547)

[21] **2,872,452**

[13] A1

[51] **Int.Cl. H04L 29/06 (2006.01) G05B 19/418 (2006.01) H04L 12/00 (2006.01) H04L 29/08 (2006.01)**

[25] EN

[54] **METHODS AND APPARATUS TO IDENTIFY A COMMUNICATION PROTOCOL BEING USED IN A PROCESS CONTROL SYSTEM**

[54] **PROCEDES ET APPAREIL POUR IDENTIFIER UN PROTOCOLE DE COMMUNICATION QUI EST UTILISE DANS UN SYSTEME DE COMMANDE DE TRAITEMENT**

[72] LIU, XUEDONG, US

[71] BRISTOL, INC., D/B/A REMOTE
AUTOMATED SOLUTIONS, US

[85] 2014-10-31

[86] 2013-05-07 (PCT/US2013/039822)

[87] (WO2013/169697)

[30] US (61/643,520) 2012-05-07

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[21] **2,872,453**
[13] A1
[51] **Int.Cl. G01R 22/00 (2006.01) G06Q 50/06 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IMPROVED TIME COST AND ACCURACY OF ENERGY USAGE BASELINING**
[54] **METHODES ET SYSTEMES PERMETTANT D'ETABLIR DES DONNEES DE BASE AMELIOREES DE DUREE, DE COUT ET DE PRECISION DE CONSOMMATION D'ENERGIE**
[72] DUTTON, DREW JON, US
[72] BARTMESS, ROBERT, US
[71] SIEMENS INDUSTRY, INC., US
[85] 2014-10-31
[86] 2013-05-02 (PCT/US2013/039229)
[87] (WO2013/166260)
[30] US (13/463,901) 2012-05-04

[21] **2,872,454**
[13] A1
[51] **Int.Cl. F26B 1/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE BENEFICIATION OF PIT-MOIST RAW BROWN COAL**
[54] **PROCEDE DE TRAITEMENT DE LIGNITE HUMIDE**
[72] KLUTZ, HANS-JOACHIM, DE
[71] RWE POWER AKTIENGESSELLSCHAFT, DE
[85] 2014-11-03
[86] 2013-05-22 (PCT/EP2013/060437)
[87] (WO2013/174828)
[30] DE (10 2012 010 078.7) 2012-05-23

[21] **2,872,455**
[13] A1
[51] **Int.Cl. B65D 85/816 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **AN INGREDIENT CAPSULE FOR BEVERAGE PREPARATION**
[54] **CAPSULE D'INGREDIENT POUR PREPARATION DE BOISSON**
[72] DOGAN, NIHAN, CH
[72] BEZET, NICOLAS JEAN-GUY, FR
[71] NESTEC S.A., CH
[85] 2014-10-31
[86] 2013-05-01 (PCT/EP2013/059069)
[87] (WO2013/167437)
[30] EP (12166967.5) 2012-05-07

[21] **2,872,456**
[13] A1
[51] **Int.Cl. C12P 19/02 (2006.01) C12P 19/14 (2006.01) C13K 1/02 (2006.01)**
[25] EN
[54] **CONTINUOUS OR SEMI-CONTINUOUS PROCESS FOR TREATING BIOMASS TO PRODUCE MATERIALS USEFUL FOR BIOFUELS**
[54] **PROCEDE CONTINU OU SEMI-CONTINU DE TRAITEMENT D'UNE BIOMASSE POUR OBTENIR DES MATERIAUX UTILES POUR LES BIOCARBURANTS**
[72] WEIDER, PAUL RICHARD, US
[72] BLACKBOURN, ROBERT LAWRENCE, US
[72] BROWN, DAVID MATTHEW, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
[85] 2014-10-31
[86] 2013-05-07 (PCT/US2013/039843)
[87] (WO2013/169706)
[30] US (61/643,633) 2012-05-07

[21] **2,872,457**
[13] A1
[51] **Int.Cl. G01F 1/66 (2006.01) G01F 15/00 (2006.01)**
[25] EN
[54] **A FLOW METER SYSTEM**
[54] **SYSTEME DE DEBITMETRE**
[72] HIES, THOMAS, SG
[72] SKRIPALLE, JUERGEN, DE
[71] HYDROVISION ASIA PTE LTD, SG
[85] 2014-11-03
[86] 2013-05-06 (PCT/IB2013/053606)
[87] (WO2013/164805)
[30] SG (PCT/SG2012/000159) 2012-05-04

[21] **2,872,458**
[13] A1
[51] **Int.Cl. E21B 10/12 (2006.01) E21B 10/14 (2006.01) E21B 10/43 (2006.01)**
[25] EN
[54] **FIXED CUTTER DRILL BIT WITH ROTATING CUTTER DISC**
[54] **TREPAN DE FORAGE A DISPOSITIFS DE COUPE FIXE DOTE DE DISQUE DE DISPOSITIF DE COUPE ROTATIF**
[72] KNULL, CRAIG, CA
[72] CHRISTENSON, KEVIN, CA
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
[85] 2014-10-31
[86] 2013-05-07 (PCT/US2013/040004)
[87] (WO2013/169819)
[30] US (13/465,162) 2012-05-07

[21] **2,872,459**
[13] A1
[51] **Int.Cl. A23F 5/40 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PREPARATION OF A FOOD OR BEVERAGE PRODUCT**
[54] **COMPOSITION DE PREPARATION D'UN PRODUIT ALIMENTAIRE OU DE BOISSON**
[72] DOLEYRES, YANN, GB
[72] DAENZER-ALLONCLE, MARTINE, FR
[71] NESTEC S.A., CH
[85] 2014-10-31
[86] 2013-05-02 (PCT/EP2013/059105)
[87] (WO2013/167452)
[30] EP (12167066.5) 2012-05-08

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[21] 2,872,460
[13] A1
[51] Int.Cl. C12N 5/0775 (2010.01) C12N 5/071 (2010.01) A61P 9/00 (2006.01)
[25] EN
[54] TREHALOSE-CONTAINING MAMMALIAN CELL SUSPENSION FOR PREVENTION OF PULMONARY EMBOLISM FORMATION
[54] SUSPENSION DE CELLULES DE MAMMIFERE CONTENANT DU TREHALOSE DESTINEE A LA PREVENTION DE LA FORMATION D'UNE EMBOLIE PULMONAIRE
[72] WADA, TAMAKI, JP
[72] DOI, MASAKO, JP
[72] KIKUCHI, TAKESHI, JP
[72] KOBAYASHI, EIJI, JP
[71] OTSUKA PHARMACEUTICAL FACTORY, INC., JP
[85] 2014-11-03
[86] 2013-05-02 (PCT/JP2013/002925)
[87] (WO2013/168403)
[30] JP (2012-106866) 2012-05-08

[21] 2,872,461
[13] A1
[51] Int.Cl. B60K 15/04 (2006.01) B67D 7/00 (2010.01) B67D 7/32 (2010.01) B60K 15/03 (2006.01) B60K 15/07 (2006.01)
[25] EN
[54] COMPRESSED NATURAL GAS VEHICLE SAFETY SYSTEM AND METHOD
[54] SYSTEME ET PROCEDE DE SECURITE POUR VEHICULE A GAZ NATUREL COMPRISE
[72] MCNICHOLAS, DANIEL, US
[71] MCNICHOLAS, DANIEL, US
[85] 2014-10-31
[86] 2013-05-01 (PCT/US2013/039006)
[87] (WO2013/166109)
[30] US (13/463,022) 2012-05-03

[21] 2,872,462
[13] A1
[51] Int.Cl. H04W 8/22 (2009.01) H04W 88/02 (2009.01)
[25] EN
[54] DATA EXCHANGE BETWEEN ANTENNA AND MODEM OF MOBILE DEVICE
[54] ECHANGE DE DONNEES ENTRE L'ANTENNE ET LE MODEM D'UN DISPOSITIF MOBILE
[72] TOKSVIG, MICHAEL JOHN MCKENZIE, US
[72] WONG, YOON KEAN, US
[72] NICOL, CRAIG MICHAEL, US
[72] FLORES, EGLIA NAIR, US
[71] FACEBOOK, INC., US
[85] 2014-10-31
[86] 2013-05-08 (PCT/US2013/040025)
[87] (WO2013/169831)
[30] US (13/467,415) 2012-05-09

[21] 2,872,463
[13] A1
[51] Int.Cl. B01J 20/34 (2006.01) B01J 20/12 (2006.01) C11B 3/10 (2006.01)
[25] EN
[54] METHOD FOR PRODUCING RECLAIMED WHITE CLAY, RECLAIMED WHITE CLAY, AND METHOD FOR PRODUCING REFINED OIL OR FAT
[54] PROCEDE DE PRODUCTION D'ARGILE BLANCHE RECUPEREE, ARGILE BLANCHE RECUPEREE, ET PROCEDE DE PRODUCTION DE GRAISSE RAFFINEE
[72] TOKUNAGA, KUNIHICO, JP
[72] ITAGAKI, HIROYUKI, JP
[71] THE NISSHIN OIL LIO GROUP, LTD., JP
[85] 2014-11-03
[86] 2013-04-26 (PCT/JP2013/062403)
[87] (WO2013/168608)
[30] JP (2012-108353) 2012-05-10

[21] 2,872,464
[13] A1
[51] Int.Cl. A61K 9/00 (2006.01) A61F 2/915 (2013.01) A61F 2/958 (2013.01) A61K 31/337 (2006.01) A61K 31/715 (2006.01) A61K 31/727 (2006.01) A61M 25/10 (2013.01)
[25] EN
[54] COATED MEDICAL DEVICES COMPRISING A WATER - INSOLUBLE THERAPEUTIC AGENT AND AN ADDITIVE
[54] DISPOSITIFS MEDICAUX REVETUS COMPORTANT UN AGENT THERAPEUTIQUE NON HYDROSOLUBLE ET UN ADDITIF
[72] BARBICK, JULIA E., US
[72] SHIRLEY, GARY B., US
[72] SARASAM, APARNA R., US
[72] GRABLE, CHARITY, US
[72] BARNETT, ANGELA R., US
[71] COOK MEDICAL TECHNOLOGIES LLC, US
[85] 2014-10-31
[86] 2013-05-08 (PCT/US2013/040104)
[87] (WO2013/169879)
[30] US (61/644,720) 2012-05-09
[30] US (13/834,339) 2013-03-15

[21] 2,872,465
[13] A1
[51] Int.Cl. A61K 31/21 (2006.01) A61K 31/295 (2006.01) A61K 31/34 (2006.01) A61K 31/455 (2006.01) A61K 31/5377 (2006.01) A61K 33/00 (2006.01) A61P 9/00 (2006.01)
[25] EN
[54] INDUCTION OF ARTERIOGENESIS WITH AN NO (NITRIC OXIDE) DONOR
[54] INDUCTION DE L'ARTERIOGENESE AVEC UN DONNEUR DE NO (OXYDE NITRIQUE)
[72] GORATTI, MICHAELA, DE
[71] G. POHL-BOSKAMP GMBH & CO. KG, DE
[85] 2014-11-03
[86] 2013-05-29 (PCT/EP2013/061131)
[87] (WO2013/178715)
[30] EP (12004187.6) 2012-05-31
[30] US (61/653,595) 2012-05-31

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[21] **2,872,466**
[13] A1

[51] **Int.Cl. F16L 53/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD TO CONTROL ELECTRICAL POWER INPUT TO DIRECT ELECTRIC HEAT PIPELINE**

[54] **SYSTEME ET PROCEDE POUR COMMANDER LA MISE EN ENTREE D'ENERGIE ELECTRIQUE A UN PIPELINE A CHAUFFAGE ELECTRIQUE DIRECT**

[72] BAKER, JOHN L., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-11-03
[86] 2013-04-30 (PCT/US2013/038888)
[87] (WO2013/188012)
[30] US (61/660,495) 2012-06-15

[21] **2,872,467**
[13] A1

[51] **Int.Cl. C07K 14/00 (2006.01) C12N 5/073 (2010.01) C12N 5/0735 (2010.01) C12N 5/074 (2010.01) C12M 1/00 (2006.01) C12N 5/10 (2006.01)**

[25] EN
[54] **METHOD OF CULTURING PLURIPOTENT STEM CELL, AND POLYPEPTIDE TO BE USED THEREFOR**

[54] **PROCEDE D'INCUBATION DE CELLULES SOUCHES PLURIPOTENTES ET POLYPEPTIDE A UTILISER A CET EFFET**

[72] MURAKAMI, YUTA, JP
[72] IWATA, RIE, JP
[72] IWAKI, YOSHIHIIDE, JP
[72] SASAKI, TASUKU, JP
[71] FUJIFILM CORPORATION, JP
[85] 2014-10-29
[86] 2013-04-24 (PCT/JP2013/062122)
[87] (WO2013/164970)
[30] JP (2012-104816) 2012-05-01

[21] **2,872,468**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR MEASURING AND CALIBRATING AMPLIFICATION BIAS IN MULTIPLEXED PCR REACTIONS**

[54] **COMPOSITIONS ET PROCEDE DE MESURE ET DE CALIBRAGE D'UN BIAIS D'AMPLIFICATION DANS DES REACTIONS DE PCR MULTIPLEXE**

[72] ROBINS, HARLAN S., US
[72] CARLSON, CHRISTOPHER S., US
[72] LIVINGSTON, ROBERT J., US
[72] SHERWOOD, ANNA, US
[72] EMERSON, RYAN O., US
[71] ADAPTIVE BIOTECHNOLOGIES CORPORATION, US
[85] 2014-10-31
[86] 2013-05-08 (PCT/US2013/040221)
[87] (WO2013/169957)
[30] US (61/644,294) 2012-05-08
[30] US (61/726,489) 2012-11-14

[21] **2,872,469**
[13] A1

[51] **Int.Cl. C07D 489/08 (2006.01)**
[25] EN
[54] **HETEROCYCLE-FUSED MORPHINANS, USE THEREOF AND PREPARATION THEREOF**

[54] **MORPHINANES A HETEROCYCLES FUSIONNES, LEUR UTILISATION ET LEUR PREPARATION**

[72] ANANTHAN, SUBRAMANIAM, US
[71] SOUTHERN RESEARCH INSTITUTE, US
[85] 2014-10-31
[86] 2013-05-02 (PCT/US2013/039242)
[87] (WO2013/166271)
[30] US (61/641,355) 2012-05-02

[21] **2,872,470**
[13] A1

[51] **Int.Cl. A61F 9/06 (2006.01) B23K 9/32 (2006.01) B23K 37/00 (2006.01)**

[25] EN
[54] **WELDING HELMET FOR DETECTING ARC DATA**

[54] **CASQUE DE SOUDAGE POUR LA DETECTION DE DONNEES D'ARC**

[72] BECKER, WILLIAM J., US
[72] PFEIFER, KYLE A., US
[72] SOMMERS, ERIC T., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-03
[86] 2013-05-02 (PCT/US2013/039187)
[87] (WO2013/166231)
[30] US (61/643,014) 2012-05-04
[30] US (13/775,563) 2013-02-25

[21] **2,872,471**
[13] A1

[51] **Int.Cl. C12N 5/0783 (2010.01) A61P 35/00 (2006.01) C07K 19/00 (2006.01) C12N 5/10 (2006.01) C12N 15/867 (2006.01)**

[25] EN
[54] **ENHANCED AFFINITY T CELL RECEPTORS AND METHODS FOR MAKING THE SAME**

[54] **RECEPTEURS DE LYMPHOCYTE T A AFFINITE AUGMENTEE ET PROCEDES POUR FABRIQUER CEUX-CI**

[72] SCHMITT, THOMAS M., US
[72] GREENBERG, PHILIP D., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2014-10-31
[86] 2013-05-02 (PCT/US2013/039316)
[87] (WO2013/166321)
[30] US (61/642,358) 2012-05-03

[21] 2,872,472
[13] A1
[51] Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01)
[25] EN
[54] EXTERNAL, HEAD-WORN ELECTRICAL STIMULATOR FOR TREATING HEADACHE CONDITIONS
[54] STIMULATEUR ELECTRIQUE EXTERNE PORTE SUR LA TETE PERMETTANT DE TRAITER LES CONDITIONS DE MAL DE TETE
[72] SKARIBAS, IOANNIS MIHAIL, US
[72] DURST, CHRISTOPHER ATKINSON, US
[71] SKARIBAS, IOANNIS MIHAIL, US
[85] 2014-11-03
[86] 2013-05-02 (PCT/US2013/039292)
[87] (WO2013/166300)
[30] US (61/642,105) 2012-05-03

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[13] A1
[51] Int.Cl. B64D 11/00 (2006.01) B64D 11/06 (2006.01)
[25] EN
[54] SEATING ARRANGEMENT CONVERTIBLE TO A BUNK BED
[54] AMENAGEMENT D'ASSISE CONVERTIBLE EN LIT SUPERPOSE
[72] SAVARD, DAVID, CA
[72] BARDIER, RENE, CA
[72] OLESON, MICHAEL, US
[72] SUAREZ, ALFREDO, US
[71] BOMBARDIER INC., CA
[85] 2014-10-31
[86] 2013-05-03 (PCT/US2013/039476)
[87] (WO2013/166390)
[30] US (61/642,509) 2012-05-04

[21] 2,872,474
[13] A1
[51] Int.Cl. G01D 11/00 (2006.01)
[25] EN
[54] MODULAR SYSTEM AND METHODOLOGY FOR TESTING AND MEASUREMENT
[54] SYSTEME MODULAIRE ET METHODOLOGIE POUR L'ESSAI ET LA MESURE
[72] JEFFERS, EDWARD, US
[72] SACERIO, JOSE, US
[71] CPS PRODUCTS, INC., US
[85] 2014-11-03
[86] 2013-05-02 (PCT/US2013/039273)
[87] (WO2013/166288)
[30] US (13/462,040) 2012-05-02

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[13] A1
[51] Int.Cl. C12N 5/00 (2006.01)
[25] EN
[54] HIGH YIELD TRANSIENT EXPRESSION IN MAMMALIAN CELLS USING UNIQUE PAIRING OF HIGH DENSITY GROWTH AND TRANSFECTION MEDIUM AND EXPRESSION ENHANCERS
[54] EXPRESSION TRANSITOIRE A HAUT RENDEMENT DANS DES CELLULES DE MAMMIFERE A L'AIDE D'UN APPARIEMENT UNIQUE D'UN MILIEU DE CROISSANCE ET DE TRANSFECTION A HAUTE DENSITE ET D'ACTIVATEURS D'EXPRESSION
[72] VASU, SANJAY K., US
[72] CHIOU, HENRY C., US
[72] ROGERS, JEFFREY, US
[72] CISNEROS, MARIA, US
[72] LI, JINGQIU, US
[72] LIU, CHAO YAN, US
[72] JONES, MEREDITH, US
[71] LIFE TECHNOLOGIES CORPORATION, US
[85] 2014-11-03
[86] 2013-05-02 (PCT/US2013/039351)
[87] (WO2013/166339)
[30] US (61/641,864) 2012-05-02

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[13] A1
[51] Int.Cl. C09J 11/04 (2006.01) C09J 163/00 (2006.01)
[25] EN
[54] ADHESIVE COMPOSITIONS CONTAINING GRAPHENIC CARBON PARTICLES
[54] COMPOSITIONS ADHESIVES CONTENANT DES PARTICULES DE CARBONE GRAPHENIQUE
[72] ASAY, DAVID B., US
[72] CHAO, TIEN-CHIEH, US
[72] DESAI, UMESH C., US
[72] HUNG, CHENG-HUNG, US
[72] NAKAJIMA, MASAYUKI, US
[72] VANIER, NOEL R., US
[71] PPG INDUSTRIES OHIO, INC., US
[85] 2014-10-31
[86] 2013-05-03 (PCT/US2013/039509)
[87] (WO2013/166414)
[30] US (13/463,105) 2012-05-03

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[13] A1
[51] Int.Cl. A61B 5/024 (2006.01)
[25] EN
[54] PHYSIOLOGICAL CHARACTERISTIC DETECTION BASED ON REFLECTED COMPONENTS OF LIGHT
[54] DETECTION DE CARACTERISTIQUES PHYSIOLOGIQUES BASEE SUR DES COMPOSANTES DE LUMIERE REFLECHIES
[72] RASKIN, AZA, US
[71] ALIPHCOM, US
[85] 2014-11-03
[86] 2013-05-02 (PCT/US2013/039353)
[87] (WO2013/166341)
[30] US (61/641,672) 2012-05-02

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[13] A1
[51] Int.Cl. C12N 5/14 (2006.01) C07H 21/04 (2006.01) C12N 15/82 (2006.01) C12N 15/87 (2006.01)
[25] EN
[54] STRONG CONSTITUTIVE PROMOTERS FOR HETEROLOGOUS EXPRESSION OF PROTEINS IN PLANTS
[54] PROMOTEURS FORTS ET CONSTITUTIFS POUR L'EXPRESSION HETEROLOGUE DE PROTEINES DANS LES PLANTES
[72] RAAB, MICHAEL R., US
[72] BOUGRI, OLEG, US
[71] AGRIVIDA, INC., US
[85] 2014-10-31
[86] 2013-05-29 (PCT/US2013/043148)
[87] (WO2013/181271)
[30] US (61/652,628) 2012-05-29

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[13] A1

[51] **Int.Cl. H05B 33/08 (2006.01)**
[25] EN
[54] **DIMMABLE MULTICHANNEL DRIVER FOR SOLID STATE LIGHT SOURCES**
[54] **DISPOSITIF D'ATTAQUE A CANAUX MULTIPLES A GRADATION POUR SOURCES DE LUMIERE A SEMI-CONDUCTEURS**
[72] PUVANAKIJAKORN, VORAVIT, US
[72] HONJI, MASATOSHI, US
[72] MILLIEZ, ANNE JANET, US
[71] OSRAM SYLVANIA INC., US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039371)
[87] (WO2013/166345)
[30] US (61/643,222) 2012-05-04
[30] US (13/799,885) 2013-03-13

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[13] A1

[51] **Int.Cl. H02K 9/22 (2006.01) H02K 1/32 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR COOLING ELECTRIC DEVICE HAVING MODULAR STATORS**
[54] **DISPOSITIF ET PROCEDE POUR REFROIDIR UN DISPOSITIF ELECTRIQUE AYANT DES STATORS MODULAIRES**
[72] JONES, FRANKLIN B., US
[72] JONES, STUART A., US
[72] NEHRING, ANDREW I., US
[71] MOOG INC., US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039443)
[87] (WO2013/166372)
[30] US (61/642,773) 2012-05-04

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[13] A1

[51] **Int.Cl. A23L 1/03 (2006.01)**
[25] EN
[54] **FLAVOR, ODOR, AND/OR COLORANT COMPOSITIONS WITH OLEAGINOUS MICROORGANISMS AND RELATED METHODS**
[54] **COMPOSITIONS DE SAVEUR, D'ODEUR ET/OU DE COLORANT AYANT DES MICROORGANISMES OLEAGINEUX ET PROCEDES ASSOCIES**
[72] NORRIS, LESLIE, US
[71] SOLAZYME ROQUETTE NUTRITIONALS, LLC, US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039446)
[87] (WO2013/166374)
[30] US (61/642,724) 2012-05-04

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[13] A1

[51] **Int.Cl. G01N 33/569 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **CELL WALL PROTEIN CWPV (CD0514) AS A DIAGNOSTIC MARKER FOR CLOSTRIDIUM DIFFICILE RIBOTYPE 027**
[54] **PROTEINE DE PAROI CELLULAIRE CWPV (CD0514) UTILE COMME MARQUEUR DIAGNOSTIQUE POUR LE RIBOTYPE 027 DE CLOSTRIDIUM DIFFICILE**
[72] DAVIS, MANLI Y., US
[72] WILLIAMS, KRISTA A., US
[72] BROWNING, JOCELYN N., US
[72] LYERLY, DAVID M., US
[71] TECHLAB, INC., US
[85] 2014-10-31
[86] 2013-05-09 (PCT/US2013/040399)
[87] (WO2013/170065)
[30] US (61/645,964) 2012-05-11
[30] US (13/889,670) 2013-05-08

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[13] A1

[51] **Int.Cl. F16K 31/36 (2006.01) G05D 16/16 (2006.01)**
[25] EN
[54] **HYDRAULIC CONTROL VALVE ASSEMBLY AND CONTROL SYSTEM FOR WATER SUPPLY NETWORKS**
[54] **ENSEMBLE SOUPAPE DE COMMANDE HYDRAULIQUE ET SYSTEME DE COMMANDE POUR RESEAUX D'ALIMENTATION EN EAU**
[72] SIMONSEN, CHRISTIAN HENRIK, DK
[71] AVK HOLDING A/S, DK
[85] 2014-11-03
[86] 2013-05-30 (PCT/EP2013/061162)
[87] (WO2013/178733)
[30] EP (12170474.6) 2012-06-01

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[13] A1

[51] **Int.Cl. A23L 1/16 (2006.01)**
[25] EN
[54] **FRESH PASTA AND METHOD FOR MANUFACTURING FROZEN FRESH PASTA**
[54] **PATES FRAICHES ET PROCEDE DE FABRICATION DE PATES FRAICHES CONGELEES**
[72] MAEDA, TATSUROU, JP
[72] IRIF, KENTAROU, JP
[72] NAKANISHI, YUMIKO, JP
[71] NISSHIN FOODS INC., JP
[85] 2014-11-03
[86] 2013-06-17 (PCT/JP2013/066603)
[87] (WO2013/191136)
[30] JP (2012-136692) 2012-06-18

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[13] A1
[51] **Int.Cl. H01B 1/00 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **POLYMERIC COATINGS FOR COATED CONDUCTORS**
[54] **RETELEMENTS POLYMERES POUR CONDUCTEURS REVETUS**
[72] HAN, SUH JOON, US
[72] GUERRA, SUZANNE M., US
[72] COGEN, JEFFREY M., US
[72] MARCHAND, GARY R., US
[72] KJELLQVIST, JERKER B.L., CH
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-10-31
[86] 2013-05-15 (PCT/US2013/041053)
[87] (WO2014/003908)
[30] US (61/664,779) 2012-06-27

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[13] A1
[51] **Int.Cl. A23K 1/18 (2006.01) A23K 1/16 (2006.01)**
[25] EN
[54] **DEHYDRATED CASTOR OIL AS AN ANIMAL FEED SUPPLEMENT**
[54] **HUILE DE RICIN DESHYDRATEE COMME COMPLEMENT ALIMENTAIRE POUR ANIMAUX**
[72] BONSIGNORE, PATRICK V., US
[71] NPD INVESTMENTS, INC., US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039469)
[87] (WO2013/166386)
[30] US (13/462,940) 2012-05-03

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[13] A1
[51] **Int.Cl. B29C 47/36 (2006.01) B29B 7/48 (2006.01) B29C 47/08 (2006.01) B29C 47/40 (2006.01) F04C 2/00 (2006.01)**
[25] EN
[54] **A DEVICE FOR MANUFACTURING SYNTHETIC GRANULES, EXTRUDED PROFILES OR MOLDED PARTS AND MELT PUMP THEREOF**
[54] **DISPOSITIF POUR LA FABRICATION D'UN GRANULAT DE MATIERE PLASTIQUE, DE PROFILES FILES A LA PRESSE OU DE PIECES MOULEES ET POMPE A MASSE FONDUE POUR CE DISPOSITIF**
[72] HENKE, MATTHIAS, DE
[71] HENKE PROPERTY UG (HAFTUNGSBESCHRANKT), DE
[85] 2014-09-11
[86] 2013-06-24 (PCT/DE2013/000327)
[87] (WO2014/000725)
[30] DE (10 2012 012 444.9) 2012-06-25

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIA FOR LOGICAL CLUSTERING OF PACKAGE DATA AND DERIVED ANALYTICS AND SHARING OF SENSOR INFORMATION**
[54] **SYSTEMES, PROCEDES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR REGROUPEMENT LOGIQUE DE DONNEES DE PAQUETS ET DE GRANDEURS ANALYTIQUES DEDUITES ET PARTAGE D'INFORMATIONS DE CAPTEURS**
[72] SKAAKSRUD, OLE-PETTER, US
[72] ZHOU, XIAO, US
[72] PUTMAN, JOHN DAVID, US
[71] FEDEX CORPORATE SERVICES, INC., US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039503)
[87] (WO2013/166410)
[30] US (61/642,727) 2012-05-04

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[13] A1
[51] **Int.Cl. H01Q 1/24 (2006.01) H01Q 9/04 (2006.01)**
[25] EN
[54] **ANTENNA DEVICE FOR PORTABLE TERMINAL**
[54] **DISPOSITIF D'ANTENNE POUR TERMINAL PORTATIF**
[72] CHO, BUM-JIN, KR
[72] KIM, GYU-SUB, KR
[72] BYUN, JOON-HO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-11-03
[86] 2012-09-11 (PCT/KR2012/007281)
[87] (WO2013/180341)
[30] KR (10-2012-0056451) 2012-05-29

[21] **2,872,494**
[13] A1
[51] **Int.Cl. C12Q 1/24 (2006.01) G01N 33/569 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS FOR INACTIVATION AND EXTRACTION OF ACID-FAST BACTERIA FOR CHARACTERIZATION AND/OR IDENTIFICATION USING MASS SPECTROMETRY**
[54] **PROCEDES D'INACTIVATION ET D'EXTRACTION DE BACTERIES RESISTANTES AUX ACIDES POUR LA CARACTERISATION ET/OU L'IDENTIFICATION A L'AIDE DE LA SPECTROMETRIE DE MASSE**
[72] HYMAN, JONES M., US
[72] DEOL, PARAMPAL, US
[72] MILLER, ELIZABETH, US
[72] GIRARD, VICTORIA, FR
[72] GATES, AMBER, US
[72] MAILLER, SANDRINE, FR
[72] ARSAC, MAUD, FR
[72] WALSH, JOHN, US
[71] BIOMERIEUX, INC., US
[85] 2014-10-31
[86] 2013-05-15 (PCT/US2013/041159)
[87] (WO2013/173466)
[30] US (61/648,420) 2012-05-17
[30] US (13/828,119) 2013-03-14

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[13] A1

[51] **Int.Cl. A61B 5/04 (2006.01)**
[25] EN
[54] **ESTIMATING BODY FAT IN A USER**
[54] **ESTIMER LA GRAISSE CORPORELLE CHEZ UN UTILISATEUR**
[72] RASKIN, AZA, US
[71] ALIPHICOM, US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039526)
[87] (WO2013/166426)
[30] US (61/642,226) 2012-05-03
[30] US (13/886,173) 2013-05-02

[21] **2,872,496**
[13] A1

[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/06 (2006.01) B65G 1/137 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SORTING OR RETRIEVING ITEMS**
[54] **PROCEDE ET APPAREIL PERMETTANT DE TRIER OU DE RECUPERER DES ARTICLES**
[72] DEWITT, ROBERT R., US
[72] CHEZIK, PETER M., US
[72] VALINSKY, JOSEPH, US
[72] STAHL, OLA, US
[72] KARTIK, S., US
[71] OPEX CORPORATION, US
[85] 2014-10-02
[86] 2013-04-09 (PCT/US2013/035836)
[87] (WO2013/155107)
[30] US (61/622,000) 2012-04-09

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[13] A1

[51] **Int.Cl. H02B 11/173 (2006.01) H01H 71/10 (2006.01) H01L 31/02 (2006.01)**
[25] EN
[54] **DRAWOUT DISCONNECTING AND ISOLATING MEANS FOR DC APPLICATIONS**
[54] **MOYEN DE DEBRANCHEMENT AMOVIBLE ET D'ISOLEMENT POUR APPLICATION EN COURANT CONTINU**
[72] MAULANDI, AYMEN, US
[71] SCHNEIDER ELECTRIC USA, INC., US
[85] 2014-10-31
[86] 2013-05-15 (PCT/US2013/041163)
[87] (WO2013/176940)
[30] US (13/477,430) 2012-05-22

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[13] A1

[51] **Int.Cl. C22C 9/04 (2006.01) C22C 1/02 (2006.01)**
[25] EN
[54] **ANTIMONY-MODIFIED LOW-LEAD COPPER ALLOY**
[54] **ALLIAGE DE CUIVRE A FAIBLE TENEUR EN PLOMB MODIFIE A L'ANTIMOINE**
[72] SAHOO, MAHI, CA
[72] MURRAY, MICHAEL, US
[71] SLOAN VALVE COMPANY, US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039567)
[87] (WO2013/166454)
[30] US (61/642,260) 2012-05-03

[21] **2,872,500**
[13] A1

[51] **Int.Cl. C01B 33/06 (2006.01)**
[25] EN
[54] **SILICOTHERMIC REDUCTION OF METAL OXIDES TO FORM EUTECTIC COMPOSITES**
[54] **REDUCTION SILICOTHERMIQUE D'OXYDES METALLIQUES POUR FORMER DES COMPOSITES A BASE EUTECTIQUE**
[72] BEEBE, JEREMY, US
[72] GAVE, MATTHEW, US
[72] SHAMAMIAN, VASGEN, US
[72] SIEGEL, RANDALL, US
[72] SOOTSMAN, JOSEPH, US
[72] YOUNG, JAMES, US
[71] DOW CORNING CORPORATION, US
[85] 2014-10-31
[86] 2013-05-20 (PCT/US2013/041790)
[87] (WO2013/177028)
[30] US (61/649,681) 2012-05-21

[21] **2,872,501**
[13] A1

[51] **Int.Cl. F24D 19/10 (2006.01) F24D 3/10 (2006.01) F24H 9/12 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **BOILER HAVING INCREASED INDOOR HEATING EFFICIENCY AND ENABLING SIMULTANEOUS USE OF INDOOR HEATING AND HOT WATER**
[54] **CHAUDIERE AVEC UNE EFFICACITE DE CHAUFFAGE D'INTERIEUR SUPERIEURE ET PERMETTANT L'UTILISATION SIMULTANEE DU CHAUFFAGE D'INTERIEUR ET DE L'EAU CHAUDE**
[72] MIN, TAE SIK, KR
[71] KYUNG DONG NAVIEN CO., LTD., KR
[85] 2014-11-03
[86] 2013-04-15 (PCT/KR2013/003121)
[87] (WO2013/165106)
[30] KR (10-2012-0046725) 2012-05-03

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[13] A1

[51] **Int.Cl. H04B 7/04 (2006.01) H04W 24/00 (2009.01) H04B 1/14 (2006.01) H04B 1/16 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR COPING WITH DOPPLER EFFECTS IN DISTRIBUTED-INPUT DISTRIBUTED-OUTPUT WIRELESS SYSTEMS**
[54] **SYSTEME ET PROCEDES PERMETTANT DE SUPPORTER LES EFFETS DOPPLER DANS LES SYSTEMES SANS FIL A ENTREES DISTRIBUEES-SORTIES DISTRIBUEES**
[72] FORENZA, ANTONIO, US
[72] PERLMAN, STEPHEN G., US
[71] REARDEN, LLC, US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039580)
[87] (WO2013/166464)
[30] US (13/464,648) 2012-05-04

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[21] **2,872,503**
[13] A1

[51] **Int.Cl. A41D 13/015 (2006.01) A41D 13/05 (2006.01)**
[25] EN
[54] **ARTICLES OF APPAREL INCORPORATING CUSHIONING ELEMENTS**
[54] **VETEMENTS COMPORTANT DES ELEMENTS DE REMBOURRAGE**
[72] TURNER, DAVID, US
[71] NIKE INNOVATE C.V., US
[85] 2014-10-31
[86] 2013-05-30 (PCT/US2013/043225)
[87] (WO2013/181316)
[30] US (13/485,739) 2012-05-31

[21] **2,872,504**
[13] A1

[51] **Int.Cl. C12M 3/02 (2006.01) C12M 3/06 (2006.01)**
[25] EN
[54] **IMPROVED METHODS OF CELL CULTURE FOR ADOPTIVE CELL THERAPY**
[54] **PROCEDES DE CULTURE CELLULAIRE AMELIORES POUR THERAPIE CELLULAIRE ADOPTIVE**
[72] VERA, JUAN F., US
[72] ROONEY, CLIONA M., US
[72] LEEN, ANN M., US
[72] WILSON, JOHN R., US
[71] WILSON WOLF MANUFACTURING CORPORATION, US
[85] 2014-10-31
[86] 2013-05-20 (PCT/US2013/041861)
[87] (WO2013/173835)
[30] US (13/475,700) 2012-05-18

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[13] A1

[51] **Int.Cl. H04N 21/235 (2011.01) H04N 21/234 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING MULTI-MEDIA SERVICES**
[54] **PROCEDE ET APPAREIL D'EMISSION ET DE RECEPTION DE SERVICES MULTIMEDIA**
[72] HWANG, SUNG-OH, KR
[72] KIM, YONG-HAN, KR
[72] PARK, KYUNG-MO, KR
[72] RHYU, SUNG-RYEUL, KR
[72] SONG, JAE-YEON, KR
[71] UNIVERSITY OF SEOUL INDUSTRY COOPERATION FOUNDATION, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-11-03
[86] 2013-05-02 (PCT/KR2013/003808)
[87] (WO2013/165187)
[30] US (61/641,410) 2012-05-02
[30] US (61/671,923) 2012-07-16
[30] KR (10-2013-0042576) 2013-04-17

[21] **2,872,508**
[13] A1

[51] **Int.Cl. G01N 33/28 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CREATING A MODEL OF COMPOSITION FOR A COMPOSITE FORMED BY COMBINING A PLURALITY OF HYDROCARBON STREAMS**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE CREER UN MODELE DE COMPOSITION POUR UN COMPOSITE FORME PAR LA COMBINAISON D'UNE PLURALITE DE COURANTS D'HYDROCARBURE**
[72] SUNDARAM, ANATHA, US
[72] CHANGE, LIANG J., US
[72] BHATTACHARYYA, DILIP, CA
[72] NAYSMITH, MATHEW, CA
[72] JOE, DAVID A., CA
[72] MEDCALF, KEITH, CA
[72] SCHULTZ, DAVID S., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-10-31
[86] 2013-05-24 (PCT/US2013/042568)
[87] (WO2013/181078)
[30] US (61/653,124) 2012-05-30

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[13] A1

[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **VIN SCAN/CODE CATALOG AND INFORMATION LOOKUP**
[54] **VIN SCAN/CATALOGUE DE CODES ET RECHERCHE D'INFORMATIONS**
[72] CHRISTY, ROBERT C., US
[72] THAO, JOHNNY, US
[72] WILSON, SCOTT, US
[72] MATHIS, SHERRY M., US
[71] DAYCO IP HOLDINGS, LLC, US
[85] 2014-10-31
[86] 2013-06-04 (PCT/US2013/043972)
[87] (WO2013/188160)
[30] US (13/492,957) 2012-06-11

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[13] A1

[51] **Int.Cl. C07H 1/08 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING LIGNOCELLULOSIC MATERIALS**
[54] **PROCEDES POUR LE TRAITEMENT DE MATERIAUX LIGNOCELLULOSIQUES**

[72] JANSEN, ROBERT, US
[72] GREGOIRE, CLAIRE, FR
[72] TRAVISANO, PHILIP, US
[72] MADSEN, LEE, US
[72] MATIS, NETA, IL
[72] HAR-TAL, Yael, IL
[72] ELIAHU, SHAY, IL
[72] LAWSON, JAMES ALAN, US
[72] LAPIDOT, NOA, IL
[72] BURKE, LUKE, US
[72] EYAL, AHARON M., IL
[72] BAUER, TIMOTHY ALLEN, US
[72] SADE, HAGIT, IL
[72] MCWILLIAMS, PAUL, US
[72] BELMAN, ZIV-VLADIMIR, IL
[72] HALLAC, BASSEM, IL
[72] ZVIELY, MICHAEL, IL
[72] GERSHINSKY, YELENA, IL
[72] CARDEN, ADAM, US
[71] VIRIDIA LTD, IL
[71] VIRIDIA, INC., US
[85] 2014-11-03
[86] 2013-05-03 (PCT/US2013/039585)
[87] (WO2013/166469)
[30] US (61/642,338) 2012-05-03
[30] US (61/662,830) 2012-06-21
[30] US (61/672,719) 2012-07-17
[30] US (61/680,183) 2012-08-06
[30] US (61/680,181) 2012-08-06
[30] US (61/680,661) 2012-08-07
[30] US (61/681,299) 2012-08-09
[30] US (61/693,637) 2012-08-27
[30] US (61/715,703) 2012-10-18
[30] US (61/720,325) 2012-10-30
[30] US (61/720,313) 2012-10-30
[30] US (61/785,891) 2013-03-14
[30] US (61/786,169) 2013-03-14

[21] **2,872,512**
[13] A1

[51] **Int.Cl. G06F 3/01 (2006.01) G06F 3/048 (2013.01) G06F 3/14 (2006.01)**
[25] EN
[54] **METHOD OF OPERATING A DISPLAY UNIT AND A TERMINAL SUPPORTING THE SAME**
[54] **PROCEDE D'UTILISATION D'UNE UNITE D'AFFICHAGE ET TERMINAL PRENANT EN CHARGE LEDIT PROCEDE**

[72] PARK, EUN YOUNG, KR
[72] LEE, CHUNG KYU, KR
[72] SONG, PILL SUN, KR
[71] SAMSUNG ELECTRONICS CO. LTD., KR
[85] 2014-11-03
[86] 2013-05-10 (PCT/KR2013/004187)
[87] (WO2013/172607)
[30] KR (10-2012-0051323) 2012-05-15

[21] **2,872,513**
[13] A1

[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTIBODIES SPECIFIC FOR CLL-1**
[54] **ANTICORPS SPECIFIQUES POUR CLL-1**

[72] JIANG, PING, US
[72] KARSUNKY, HOLGER, US
[72] TRESSLER, ROB, US
[71] CELLERANT THERAPEUTICS, INC., US
[85] 2014-11-03
[86] 2013-05-06 (PCT/US2013/039645)
[87] (WO2013/169625)
[30] US (61/643,739) 2012-05-07
[30] US (61/699,134) 2012-09-10
[30] US (13/794,525) 2013-03-11

[21] **2,872,514**
[13] A1

[51] **Int.Cl. C10G 70/00 (2006.01) B01D 53/14 (2006.01) C10K 1/00 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **AQUEOUS ALKANOLAMINE ABSORBENT COMPOSITION COMPRISING PIPERAZINE FOR ENHANCED REMOVAL OF HYDROGEN SULFIDE FROM GASEOUS MIXTURES AND METHOD FOR USING THE SAME**
[54] **COMPOSITION AQUEUSE ABSORBANTE D'ALCANOLAMINE COMPRENANT DE LA PIPERAZINE POUR UNE ELIMINATION AMELIOREE DE SULFURE D'HYDROGENE A PARTIR DE MELANGES GAZEUX ET SON PROCEDE D'UTILISATION**

[72] LAROCHE, CHRISTOPHE R., US
[72] PADILLA, GERARDO, US
[72] HALNON, TIMOTHY D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-10-31
[86] 2013-06-06 (PCT/US2013/044467)
[87] (WO2014/004019)
[30] US (61/666,332) 2012-06-29

[21] **2,872,516**
[13] A1

[51] **Int.Cl. B01D 21/26 (2006.01) B01D 21/00 (2006.01) B01D 29/33 (2006.01) B01D 29/64 (2006.01) B01D 29/90 (2006.01) B01D 36/04 (2006.01) B04C 5/04 (2006.01) B04C 5/081 (2006.01) B04C 5/103 (2006.01) B04C 5/14 (2006.01) B04C 5/22 (2006.01)**
[25] EN
[54] **HYDROCLONE WITH INLET FLOW SHIELD**
[54] **HYDROCYCLONE COMPORTANT UN DEFLECTEUR DE FLUX ENTRANT**

[72] CAFFELL, GEORGE D., US
[72] MCKAY, GENE A., US
[72] O'REILLY, STEVEN E., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-11-03
[86] 2013-05-07 (PCT/US2013/039798)
[87] (WO2013/173115)
[30] US (61/648,096) 2012-05-17

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[21] **2,872,519**
[13] A1
[51] **Int.Cl. A61K 9/127 (2006.01)**
[25] EN
[54] **LIPID-BASED DRUG CARRIERS FOR RAPID PENETRATION THROUGH MUCUS LININGS**
[54] **VEHICULES DE MEDICAMENT A BASE DE LIPIDE POUR PENETRATION RAPIDE A TRAVERS LES REVETEMENTS DE MUCUS**
[72] HANES, JUSTIN, US
[72] CHAN, KANNIE WAI YAN, US
[72] MCMAHON, MICHAEL T., US
[72] YANG, MING, US
[72] YU, TAO, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2014-11-03
[86] 2013-05-06 (PCT/US2013/039731)
[87] (WO2013/166498)
[30] US (61/642,776) 2012-05-04

[21] **2,872,520**
[13] A1
[51] **Int.Cl. B63B 21/02 (2006.01)**
[25] EN
[54] **MOORING DEVICE FOR MOORING A SHIP**
[54] **DISPOSITIF D'AMARRAGE POUR AMARRER UN NAVIRE**
[72] BOERLEIDER, JOHAN MARLON, NL
[72] MAMPAELJ, GERARDUS ANTONIUS JOZEF, NL
[72] LEENDERS, CONSTANTINUS WILHELMUS, NL
[72] VAN REENEN, WOUTER, NL
[71] EUROPEAN INTELLIGENCE B.V., NL
[85] 2014-11-03
[86] 2013-04-29 (PCT/NL2013/050321)
[87] (WO2013/165239)
[30] NL (2008746) 2012-05-03

[21] **2,872,522**
[13] A1
[51] **Int.Cl. C08K 5/103 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **ACETYLATED POLYOL HYDROXYSTEARATE PLASTICIZERS AND PLASTICIZED POLYMERIC COMPOSITIONS**
[54] **PLASTIFIANTS DE TYPE HYDROXYSTEARATE DE POLYOL ACETYLE ET COMPOSITIONS POLYMERES PLASTIFIEES**
[72] CHAUDHARY, BHARAT I., US
[72] SCZEKALLA, BEATE, DE
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-11-03
[86] 2013-05-07 (PCT/US2013/039840)
[87] (WO2013/191812)
[30] US (61/663,261) 2012-06-22

[21] **2,872,523**
[13] A1
[51] **Int.Cl. H02K 1/27 (2006.01)**
[25] EN
[54] **MAGNET RETENTION ON ROTORS**
[54] **RETENUE D'AIMANT SUR DES ROTORS**
[72] NEHRING, ANDREW I., US
[72] JONES, STUART A., US
[72] JONES, FRANKLIN B., US
[71] MOOG INC., US
[85] 2014-11-03
[86] 2013-05-01 (PCT/US2013/039010)
[87] (WO2013/166112)
[30] US (61/642,647) 2012-05-04

[21] **2,872,524**
[13] A1
[51] **Int.Cl. C08K 5/00 (2006.01) C08K 5/11 (2006.01) C08K 5/1515 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **PLASTICIZERS AND PLASTICIZED POLYMERIC COMPOSITIONS**
[54] **PLASTIFIANTS ET COMPOSITIONS POLYMERES PLASTIFIEES**
[72] CHAUDHARY, BHARAT I., US
[72] COGEN, JEFFREY M., US
[72] RIES, PAUL D., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-11-03
[86] 2013-05-07 (PCT/US2013/039841)
[87] (WO2014/003892)
[30] US (61/664,193) 2012-06-26

[21] **2,872,525**
[13] A1
[51] **Int.Cl. G01N 33/49 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR NON-FASTING LDL CHOLESTEROL ASSAYS**
[54] **SYSTEMES ET PROCEDES POUR DES DOSAGES DE CHOLESTEROL LDL NON A JEUN**
[72] RILEY, TIMOTHY, US
[72] PATWARDHAN, ANIRUDDHA, US
[72] LADUCA, FRANK, US
[71] POLYMER TECHNOLOGY SYSTEMS, INC., US
[85] 2014-11-03
[86] 2013-05-01 (PCT/US2013/039082)
[87] (WO2013/166160)
[30] US (61/642,845) 2012-05-04

[21] **2,872,526**
[13] A1
[51] **Int.Cl. A61K 31/5377 (2006.01)**
[25] EN
[54] **DOSAGE REGIMEN FOR A PI-3 KINASE INHIBITOR**
[54] **REGIME POSOLOGIQUE POUR UN INHIBITEUR DE PI-3 KINASE**
[72] HIRAWAT, SAMIT, US
[72] MASSACESI, CRISTIAN, FR
[71] NOVARTIS AG, CH
[85] 2014-11-03
[86] 2013-05-14 (PCT/US2013/040877)
[87] (WO2013/173283)
[30] US (61/647,654) 2012-05-16

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[13] A1

[51] **Int.Cl. B01L 3/00 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR USE IN AN AUTOMATED SYSTEM FOR ISOLATING AN ANALYTE FROM A SAMPLE, AND METHODS OF USE**

[54] **CARTOUCHE S'UTILISANT DANS UN SYSTEME AUTOMATISE POUR ISOLER UN ANALYTE D'UN ECHANTILLON, ET PROCEDES D'UTILISATION**

[72] AGARWAL, ABHISHEK K., US
[72] ASHIKENAZI, RENANA, US
[72] FISHER, MARK J., US
[72] GLEASON, PAUL J., US
[72] GROVES, JACQUELINE R., US
[72] HSU, HENRY H., US
[72] KELSO, DAVID M., US
[72] MCFALL, SALLY M., US
[72] MOSSBERG, MARK E., US
[72] PARPIA, ZAHEER, US
[72] SUR, KUNAL, US
[72] WESTBERG, TOM, US
[71] NORTHWESTERN UNIVERSITY, US
[71] QUIDEL CORPORATION, US
[71] NORTHWESTERN GLOBAL HEALTH FOUNDATION, US
[85] 2014-11-03
[86] 2013-05-07 (PCT/US2013/039846)
[87] (WO2013/169709)
[30] US (61/644,387) 2012-05-08
[30] US (61/774,392) 2013-03-07

[21] **2,872,528**
[13] A1

[51] **Int.Cl. A61K 31/35 (2006.01) A61K 31/352 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **CANNABIS PLANT ISOLATE COMPRISING Δ⁹-TETRAHYDROCANNABINOL AND A METHOD FOR PREPARING SUCH AN ISOLATE**

[54] **ISOLAT DE PLANTE DE CANNABIS COMPRENANT DU Δ⁹-TETRAHYDROCANNABINOL ET PROCEDE POUR LA PREPARATION D'UN TEL ISOLAT**

[72] FERNANDEZ CID, MARIA VANESA, NL
[72] VAN HOUTEN, DENNIS, NL
[71] ECHO PHARMACEUTICALS B.V., NL
[85] 2014-11-03
[86] 2013-05-03 (PCT/NL2013/050339)
[87] (WO2013/165251)
[30] EP (12166661.4) 2012-05-03

[21] **2,872,529**
[13] A1

[51] **Int.Cl. C05C 9/00 (2006.01) B01J 2/00 (2006.01) C07C 273/16 (2006.01)**
[25] EN
[54] **UREA GRANULATION PROCESS WITH SCRUBBING SYSTEM**

[54] **PROCEDE POUR GRANULATION D'UREE AVEC UN SYSTEME EPURATEUR**

[72] POTTHOFF, MATTHIAS, DE
[72] FRANZRAHE, HARALD, DE
[72] VANMARCKE, LUC ALBERT, BE
[71] UHDE FERTILIZER TECHNOLOGY B.V., NL
[85] 2014-11-04
[86] 2013-05-02 (PCT/EP2013/001292)
[87] (WO2013/167245)
[30] EP (12003585.2) 2012-05-08

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[13] A1

[51] **Int.Cl. A61K 38/48 (2006.01) A61L 27/54 (2006.01) A61L 29/16 (2006.01) A61L 31/16 (2006.01) A61P 17/02 (2006.01)**
[25] EN
[54] **USE OF SEAPROSE TO REMOVE BACTERIAL BIOFILM**

[54] **UTILISATION DE SEAPROSE POUR RETIRER UN BIOFILM BACTERIEN**

[72] SHI, LEI, US
[72] JOVANOVIC, ALEKSA, US
[72] VAN DER KAR, CATHERINE, US
[72] ROCHE, ERIC, US
[71] SMITH & NEPHEW, INC., US
[85] 2014-11-03
[86] 2013-05-10 (PCT/US2013/040514)
[87] (WO2013/170128)
[30] US (61/645,815) 2012-05-11
[30] US (61/820,915) 2013-05-08

[21] **2,872,531**
[13] A1

[51] **Int.Cl. H04W 36/14 (2009.01) H04W 36/08 (2009.01)**
[25] EN
[54] **HANDLING TRACKING AREA UPDATE REJECT WITHOUT EXTENDED DELAY**

[54] **TRAITEMENT DE REJET DE MISE A JOUR DE ZONE DE SUIVI SANS LONG DELAI**

[72] KOSKELA, JARKKO, FI
[72] BERGIUS, HANNU, FI
[72] KAIKKONEN, JORMA, FI
[72] LAUKKANEN, ARI, FI
[71] NOKIA CORPORATION, FI
[85] 2014-11-04
[86] 2013-05-06 (PCT/FI2013/050492)
[87] (WO2013/167802)
[30] US (61/644,763) 2012-05-09

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[21] **2,872,532**
[13] A1
[51] **Int.Cl. F16L 55/163 (2006.01) F16L 55/18 (2006.01) F16L 58/10 (2006.01)**
[25] EN
[54] **LINER ASSEMBLY FOR PIPELINE REPAIR OR REINFORCEMENT AND METHOD OF INSTALLING SAME**
[54] **ENSEMBLE REVETEMENT POUR LA REPARATION OU LE RENFORCEMENT DE CANALISATION ET SON PROCEDE DE MONTAGE**
[72] MANNERS, CAMERON, CA
[71] NU FLOW TECHNOLOGIES 2000 INC., CA
[85] 2014-11-03
[86] 2013-05-02 (PCT/CA2013/000428)
[87] (WO2013/163736)
[30] US (61/641,517) 2012-05-02

[21] **2,872,533**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **FLOOR CONNECTION ASSEMBLY OF AN AIRCRAFT SEAT**
[54] **ENSEMBLE DE FIXATION AU PLANCHER D'UN SIEGE D'AVION**
[72] THOMASCHIEWSKI, OLIVER, DE
[71] LUFTHANSA TECHNIK AG, DE
[85] 2014-11-04
[86] 2013-05-24 (PCT/EP2013/001528)
[87] (WO2013/174518)
[30] DE (102012208718.4) 2012-05-24

[21] **2,872,535**
[13] A1
[51] **Int.Cl. A61K 8/97 (2006.01) A61K 8/60 (2006.01) A61K 8/64 (2006.01) A61K 38/05 (2006.01) A61K 38/06 (2006.01) A61P 17/00 (2006.01) A61Q 7/00 (2006.01) A61Q 19/08 (2006.01)**
[25] EN
[54] **SYNERGISTIC SELENOPEPTIDE FORMULATIONS FOR THE PROTECTION OF DERMAL PAPILLA CELLS**
[54] **FORMULATIONS DE SELENOPEPTIDE SYNERGIQUES POUR LA PROTECTION DE CELLULES DE PAPILLES DERMQUES**
[72] MAJEED, MUHAMMED, US
[72] NAGABHUSHANAM, KALYANAM, US
[71] MAJEED, MUHAMMED, US
[85] 2014-11-03
[86] 2012-05-21 (PCT/US2012/038772)
[87] (WO2013/169273)
[30] US (13/465,873) 2012-05-07

[21] **2,872,536**
[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT SEAT COMPRISING A SEAT ASSEMBLY**
[54] **SIEGE D'AVION POURVU D'UN ENSEMBLE SIEGE**
[72] THOMASCHIEWSKI, OLIVER, DE
[71] LUFTHANSA TECHNIK AG, DE
[85] 2014-11-04
[86] 2013-05-24 (PCT/EP2013/001530)
[87] (WO2013/174520)
[30] DE (10 2012 208 721.4) 2012-05-24

[21] **2,872,537**
[13] A1
[51] **Int.Cl. E21B 4/02 (2006.01) E21B 21/10 (2006.01) E21B 44/06 (2006.01)**
[25] EN
[54] **DIRECTIONAL DRILLING SYSTEM**
[54] **SYSTEME DE FORAGE DIRECTIONNEL**
[72] PERRIN, CEDRIC, FR
[72] DOWNTON, GEOFFREY C., GB
[72] BOGATH, CHRISTOPHER C., GB
[72] LACOUR, BERTRAND, FR
[72] CRERAR, PAUL, GB
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2014-11-03
[86] 2013-05-20 (PCT/US2013/041787)
[87] (WO2013/191838)
[30] US (13/529,997) 2012-06-21

[21] **2,872,538**
[13] A1
[51] **Int.Cl. A47G 9/02 (2006.01) A41D 13/002 (2006.01) D04B 1/02 (2006.01)**
[25] EN
[54] **THERMAL BLANKETS**
[54] **COUVERTURES THERMIQUES**
[72] ROCK, MOSHE, US
[72] VAINER, GADALIA, US
[72] HUNTER, JANE, US
[72] COSTELLO, DAVID, US
[72] WEBSTER, MARCUS, US
[72] LIE, WILLIAM K., US
[72] DIONNE, EDWARD P., US
[71] MMI-IPCO, LLC, US
[85] 2014-11-03
[86] 2012-09-10 (PCT/US2012/054371)
[87] (WO2013/165456)
[30] US (13/464,463) 2012-05-04

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[13] A1

[51] **Int.Cl. A47L 13/16 (2006.01) A47K 7/03 (2006.01) A47L 13/17 (2006.01) A47L 17/08 (2006.01)**

[25] FR

[54] **SPONGE HAVING AN OPEN CAVITY**

[54] **EPONGE A CAVITE DEBOUCHANTE**

[72] KLIMIS, PIERRE, BE

[72] LUCIANI, ALAIN, FR

[72] MANCEL, CLAUDE, BE

[72] THIEBAUD, DOMINIQUE, BE

[71] EURVEST, BE

[85] 2014-11-04

[86] 2013-03-15 (PCT/EP2013/055491)

[87] (WO2013/167304)

[30] FR (1254301) 2012-05-10

[30] FR (1262734) 2012-12-21

[21] **2,872,540**
[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) A61P 37/02 (2006.01) C07K 16/12 (2006.01) C07K 16/24 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01)**

[25] EN

[54] **HETEROMULTIMER CONSTRUCTS OF IMMUNOGLOBULIN HEAVY CHAINS WITH MUTATIONS IN THE FC DOMAIN**

[54] **CONSTRUCTIONS HETEROMULTIMERES DE CHAINES LOURDES D'IMMUNOGLOBULINES COMPRENANT DES MUTATIONS DANS LE DOMAINE FC**

[72] SPRETER VON KREUDENSTEIN, THOMAS, CA

[72] ESCOBAR-CABRERA, ERIC, CA

[72] NG, GORDON YIU KON, CA

[72] DIXIT, SURJIT BHIMARAO, CA

[72] LARIO, PAULA IRENE, CA

[72] POON, DAVID KAI YUEN, CA

[71] ZYMEWORKS INC., CA

[85] 2014-11-03

[86] 2013-05-10 (PCT/CA2013/000471)

[87] (WO2013/166594)

[30] US (61/645,555) 2012-05-10

[21] **2,872,541**
[13] A1

[51] **Int.Cl. A61K 31/00 (2006.01) A61K 31/4745 (2006.01) A61K 31/496 (2006.01) A61K 31/506 (2006.01) A61K 31/58 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **COMBINATION OF A 17-ALPHA - HYDROXYLASE (C17, 20-LYASE) INHIBITOR AND A SPECIFIC PI-3K INHIBITOR FOR TREATING A TUMOR DISEASE**

[54] **COMBINAISON D'UN INHIBITEUR DE 17-ALPHA-HYDROXYLASE (C17,20-LYASE) ET D'UN INHIBITEUR SPECIFIQUE DE PI-3K POUR LE TRAITEMENT D'UNE MALADIE TUMORALE**

[72] HIRAWAT, SAMIT, US

[72] RIVA, ALESSANDRO, US

[72] MISTRY, PRAKASH, CH

[71] NOVARTIS AG, CH

[85] 2014-11-03

[86] 2013-06-04 (PCT/US2013/043989)

[87] (WO2013/184621)

[30] EP (12305645.9) 2012-06-06

[30] US (61/815,368) 2013-04-24

[21] **2,872,542**
[13] A1

[51] **Int.Cl. A61K 9/20 (2006.01) A61J 3/00 (2006.01) A61K 9/00 (2006.01) A61K 9/24 (2006.01) A61K 9/28 (2006.01) A61K 31/4184 (2006.01) A61K 31/4422 (2006.01)**

[25] EN

[54] **PROCESS FOR MANUFACTURING A PHARMACEUTICAL DOSAGE FORM COMPRISING NIFEDIPINE AND CANDESARTAN CILEXETIL**

[54] **PROCEDE POUR FABRIQUER UNE FORME PHARMACEUTIQUE COMPRENANT DE LA NIFEDIPINE ET DU CANDESARTAN CILEXETIL**

[72] FUNKE, ADRIAN, DE

[72] MEYER, GUNTER, DE

[72] SMIKALLA, MARTINA, DE

[72] MEENERS, ANDREAS, DE

[72] WIRGES, MARKUS, DE

[72] BROCK, DANIELA, DE

[72] JUST, SARAH, DE

[72] KLEINEBUDDER, PETER, DE

[72] KNOP, KLAUS, DE

[72] ZEITLER, JOCHEN AXEL, GB

[72] BOEGGERING, ROLF-ANTON, DE

[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE

[85] 2014-11-04

[86] 2013-05-02 (PCT/EP2013/059110)

[87] (WO2013/167453)

[30] EP (12167035.0) 2012-05-07

[30] EP (13151946.4) 2013-01-18

[21] **2,872,543**
[13] A1

[51] **Int.Cl. E21B 17/05 (2006.01) E21B 19/18 (2006.01)**

[25] EN

[54] **INSTRUMENTED DRILLING SYSTEM**

[54] **SYSTEME DE FORAGE INSTRUMENTE**

[72] PERRIN, CEDRIC, FR

[72] BOGATHI, CHRISTOPHER C., GB

[72] PEARCE, MICHAEL, GB

[72] POLYNTSEV, OLEG, GB

[71] SCHLUMBERGER CANADA LIMITED, CA

[85] 2014-11-03

[86] 2013-06-12 (PCT/US2013/045293)

[87] (WO2013/191974)

[30] US (13/529,988) 2012-06-21

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[21] **2,872,544**
[13] A1
[51] **Int.Cl. H04L 25/03 (2006.01) H03H 21/00 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **A FILTER NETWORK ARRANGEMENT**
[54] **AGENCEMENT DE RESEAU DE FILTRES**
[72] YOUNG, DAVID, GB
[71] ASTRIUM LIMITED, GB
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[54] **GLYCOL ETHER AMINES DESTINEES A ETRE UTILISEES COMME AGENTS D'INHIBITION D'ARGILE ET DE SCHISTE POUR L'INDUSTRIE DU FORAGE**
[72] GAMBLE, ALEKSANDR T., US
[72] WITHAM, COLE A., US
[72] POINDEXTER, MICHAEL K., US
[72] DONATE, FELIPE A., US
[72] ESSENMACHER, KYLE R., US
[72] KING, STEPHEN W., US
[72] BECKERDITE, JOHN, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **STABILISATEUR DE FOND DE TROU**
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[54] **POSITION INDICATOR FOR VALVES**
[54] **INDICATEUR DE POSITION POUR VALVES**
[72] CLARK, KENNETH A., US
[72] BRANDT, JARED AARON, US
[72] VANDERBURG, RALPH WILLIAM, US
[71] MUELLER INTERNATIONAL, LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR CONTROLLING FUEL CELL MODULE**
[54] **SYSTEME ET PROCEDE DE CONTROLE DE MODULE DE PILE A COMBUSTIBLE**
[72] FORTE, PAOLO, CA
[71] HYDROGENICS CORPORATION, CA
[85] 2014-11-03
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[54] **PESTICIDE COMPOUNDS, USE THEREOF AND METHOD OF PROTECTION OF PLANTS**
[54] **COMPOSES PESTICIDES, UTILISATION DE CEUX-CI ET PROCEDE DE PROTECTION DE PLANTES**
[72] CIGLER, PETR, CZ
[71] AGRA GROUP, A.S., CZ
[85] 2014-11-03
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[54] **DISPOSITIF DE STOCKAGE D'ENERGIE A BATTERIE ET SYSTEME ELECTRIQUE**
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[72] ALVES, ROBERTO, SE
[71] ABB RESEARCH LTD, CH
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[25] EN
[54] **USING CARD IMAGE TO EXTRACT BANK ACCOUNT INFORMATION**
[54] **UTILISATION D'UNE IMAGE DE CARTE POUR EXTRAIRE DES INFORMATIONS DE COMPTE BANCAIRE**
[72] FASOLI, JONATHAN DAVID, US
[72] KAPADIA, PRANAY, US
[72] DORSCH, WILLIAM MICHAEL, US
[71] INTUIT INC., US
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[54] **RESERVE BATTERY TO PROVIDE POWER FOR SUBSEA APPLICATIONS**
[54] **BATTERIE DE RESERVE POUR FOURNIR DE L'ENERGIE A DES APPLICATIONS SOUS-MARINES**
[72] BENNETT, JOHN, US
[72] MILLER, GREG, US
[72] PARROT, MIKE, US
[72] FERRARO, JIM, US
[72] KIRK, GREG, US
[72] BHAKTA, DHARMESH, US
[72] COONROD, DONALD SCOTT, US
[71] EAGLEPICHER TECHNOLOGIES, LLC, US
[71] CAMERON INTERNATIONAL CORPORATION, US
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[54] **UTILISATIONS D'ANTAGONISTES DE LA SIGNALISATION PAR HYALURONANE**
[72] GARANTZIOITIS, STAVROS, US
[72] HOLLINGSWORTH, JOHN W., US
[72] TOOLE, BRYAN P., US
[72] LIU, JIAN, US
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[71] DUKE UNIVERSITY, US
[71] MUSIC FOUNDATION FOR RESEARCH DEVELOPMENT, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
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[54] **CLEANING COMPOSITIONS**
[54] **COMPOSITION DE NETTOYAGE**
[72] SHELL, CHRISTOPHER A., US
[72] SHELL, BENJAMIN P., US
[71] AGAIA INTERNATIONAL, INC., US
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[51] **Int.Cl. H04B 7/06 (2006.01)**
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[54] **ANTENNA ARRANGEMENT AND MOBILE COMMUNICATION DEVICE USING SAME**
[54] **SYSTEME D'ANTENNE ET DISPOSITIF DE COMMUNICATION MOBILE L'UTILISANT**
[72] BRITTON, GABRIEL, IL
[72] MOALLEM, DAVID, IL
[72] OREN, ASSAF, IL
[72] SHAMSIAN, RONI, IL
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **METHOD FOR USING A PULSE OXIMETRY SIGNAL TO MONITOR BLOOD PRESSURE**
[54] **PROCEDE D'UTILISATION D'UN SIGNAL D'OXYMETRIE DE POULS POUR SURVEILLER UNE PRESSION SANGUINE**
[72] CURTIS, GUY P., US
[71] THE GUY P. CURTIS AND FRANCES L. CURTIS TRUST, US
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[25] EN
[54] **COMPOSITIONS WITH A SULFUR-CONTAINING POLYMER AND GRAPHENIC CARBON PARTICLES**
[54] **COMPOSITIONS COMPRENANT UN POLYMER A TENEUR EN SOUFRE ET DES PARTICULES DE CARBONE GRAPHENIQUE**
[72] ANDERSON, LAWRENCE G., US
[72] ASAY, DAVID, B., US
[72] HUNG, CHENG-HUNG, US
[72] VANIER, NOEL R., US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **CONTROLLER FOR AN ATHERECTOMY DEVICE**
[54] **DISPOSITIF DE COMMANDE POUR UN DISPOSITIF D'ATHERECTOMIE**
[72] SCHOENLE, VICTOR, US
[72] HIGGINS, JOE, US
[72] GRACE, MIKE, US
[72] KARASTI, KRAIG, US
[72] WELTY, RYAN, US
[71] CARDIOVASCULAR SYSTEMS, INC., US
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[25] EN
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[54] DISPOSITIF DE MELANGE POUR DES INSTALLATIONS DE TRAITEMENT DE L'EAU PAR UV PRESENTANT UN CONDUIT OUVERT
[72] MORNINGSTAR, LEROY JACK, JR., US
[72] KAMMERER, SVEN, DE
[71] XYLEM WATER SOLUTIONS HERFORD GMBH, DE
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[54] JAW CRUSHER SUPPORT FRAME
[54] CADRE DE SUPPORT DE CONCASSEUR A MACHOIRES
[72] LINDBERG, MARTEN, SE
[72] LJUNGGREN, KARIN, SE
[72] SJOBECK, ROGER, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[51] Int.Cl. G01N 17/02 (2006.01) G01N 27/416 (2006.01)
[25] FR
[54] ANALYSIS METHOD FOR QUANTIFYING A LEVEL OF CLEANLINESS OF A SURFACE OF A PART
[54] PROCEDE D'ANALYSE POUR QUANTIFIER UN NIVEAU DE PROPRETE D'UNE SURFACE D'UNE PIECE
[72] COSSART, VINCENT, FR
[72] MENTIERES, GAETAN, FR
[71] MESSIER-BUGATTI-DOWTY, FR
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[25] EN
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[54] MODULATION DE HUTC DE MEDIEURS PRO-INFLAMMATOIRES DE MALADIES ET DE TROUBLES DES POUMONS ET PULMONAIRES
[72] KIHIM, ANTHONY J., US
[71] DEPUY SYNTHES PRODUCTS, LLC, US
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[25] EN
[54] PLANT GROWTH REGULATING COMPOUNDS
[54] COMPOSES DE REGULATION DE CROISSANCE DE PLANTE
[72] VILLEDIEU-PERCHERON, EMMANUELLE, CH
[72] LACHIA, MATHILDE DENISE, CH
[72] DE MESMAEKER, ALAIN, CH
[72] WOLF, HANNO CHRISTIAN, CH
[72] JUNG, PIERRE JOSEPH MARCEL, CH
[72] LANFERMEIJER, FRANCISCUS, NL
[72] VAN DEN WIJNGAARD, PAUL, NL
[72] SCREPANTI, CLAUDIO, CH
[71] SYNGENTA PARTICIPATIONS AG, CH
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[25] EN
[54] COMPLEX AMINE ABSORBENT, AND DEVICE AND METHOD FOR REMOVING ONE OR BOTH OF CO2 AND H2S
[54] SOLUTION ABSORBANTE COMPOSITE A BASE D'AMINE ET DISPOSITIF ET PROCEDE D'ELIMINATION DE CO2, H2S, OU DES DEUX
[72] TANAKA, HIROSHI, JP
[72] NAGAYASU, HIROMITSU, JP
[72] HIRATA, TAKUYA, JP
[72] OISHI, TSUYOSHI, JP
[72] KAMIJO, TAKASHI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[71] THE KANSAI ELECTRIC POWER CO., INC., JP
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[25] EN
[54] **REJECTOR DIVICE AND ARRAY, METHOD OF SORTING DISCRETE OBJECTS AND ACCORDING COMPUTER PROGRAM**
[54] **DISPOSITIF ET ENSEMBLE DE REJET, PROCEDE DE TRI D'OBJETS DISCRETS ET PROGRAMME INFORMATIQUE CORRESPONDANT**
[72] ELMQUIST, O. DOUGLAS, US
[72] MORENO, ROBERTO, US
[72] MORENO, LUIS, US
[71] TOMRA SORTING LIMITED, IE
[85] 2014-05-23
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[30] IE (2011/0525) 2011-11-25

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[25] FR
[54] **EMISSION DEVICE FOR EMITTING A LIGHT BEAM OF CONTROLLED SPECTRUM**
[54] **DISPOSITIF D'EMISSION D'UN FAISCEAU LUMINEUX DE SPECTRE CONTROLE**
[72] NCIRI, MEJDI, FR
[71] ARCHIMEJ TECHNOLOGY, FR
[85] 2014-11-04
[86] 2013-04-30 (PCT/FR2013/050957)
[87] (WO2013/167824)
[30] FR (1201353) 2012-05-09
[30] FR (1261015) 2012-11-20
[30] FR (1350446) 2013-01-18

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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING A SHARED CANVAS FOR CHAT PARTICIPANTS**
[54] **SYSTEME ET PROCEDE DE FOURNITURE D'UN CANEVAS PARTAGE POUR DES PARTICIPANTS A UNE DISCUSSION**
[72] CAHILL, MATT, US
[72] PARKER, SEAN, US
[72] FANNING, SHAWN D., US
[72] LIAW, JOEY, US
[71] AIRTIME MEDIA, INC., US
[85] 2014-11-04
[86] 2013-05-14 (PCT/US2013/041018)
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[54] **SEAWEEED-BASED FOOD PACKAGING COATING**
[54] **REVETEMENT D'EMBALLAGE ALIMENTAIRE A BASE D'ALGUES**
[72] SANTOS, STEPHEN A., US
[71] MANTROSE-HAEUSER CO., INC., US
[85] 2014-11-04
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[30] US (61/646,989) 2012-05-15

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[51] **Int.Cl. H02J 7/00 (2006.01) B60L 11/18 (2006.01) H02J 7/02 (2006.01)**
[25] FR
[54] **CHARGING DEVICE HAVING ADAPTIVE INPUT**
[54] **DISPOSITIF DE CHARGE A ENTREE ADAPTATIVE**
[72] BIAGINI, ERIC, FR
[71] INTELLIGENT ELECTRONIC SYSTEMS, FR
[85] 2014-11-04
[86] 2013-06-07 (PCT/FR2013/051312)
[87] (WO2013/182825)
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[25] EN
[54] **NON-AQUEOUS ELECTROLYTE AND POWER STORAGE DEVICE USING SAME**
[54] **ELECTROLYTE NON AQUEUX ET DISPOSITIF D'ACCUMULATION D'ENERGIE UTILISANT CET ELECTROLYTE**
[72] SHIMAMOTO, KEI, JP
[72] KOTOU, YUICHI, JP
[72] SHIKITA, SHOJI, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2014-11-04
[86] 2013-05-13 (PCT/JP2013/063340)
[87] (WO2013/168821)
[30] JP (2012-109996) 2012-05-11
[30] JP (2012-136023) 2012-06-15
[30] JP (2012-136084) 2012-06-15
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[30] JP (2012-177658) 2012-08-10
[30] JP (2013-002880) 2013-01-10

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[51] **Int.Cl. B01D 67/00 (2006.01) G01B 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR CONTROLLING THE SIZE OF SOLID-STATE NANOPORES**
[54] **PROCEDE POUR L'AJUSTEMENT DE LA TAILLE DE NANOPORES A L'ETAT SOLIDE**
[72] GODIN, MICHEL, CA
[72] BEAMISH, ERIC, CA
[72] TABARD-COSSA, VINCENT, CA
[72] KWOK, WING HEI, CA
[71] THE UNIVERSITY OF OTTAWA, CA
[85] 2014-11-04
[86] 2013-05-07 (PCT/IB2013/000884)
[87] (WO2013/167952)
[30] US (61/643,651) 2012-05-07
[30] US (61/781,081) 2013-03-14

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[51] **Int.Cl. B01F 3/04 (2006.01) B01F 5/00 (2006.01) C02F 3/20 (2006.01)**
[25] EN
[54] **AERATION EQUIPMENT**
[54] **EQUIPEMENT D'AERATION**
[72] MASUDA, YASUHIKO, JP
[72] MASUDA, HIROYASU, JP
[71] SOLACE CO., LTD., JP
[85] 2014-11-04
[86] 2013-05-14 (PCT/JP2013/063358)
[87] (WO2013/175994)
[30] JP (2012-115201) 2012-05-21

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[13] A1
[51] **Int.Cl. C25F 3/14 (2006.01) B82Y 30/00 (2011.01) B23B 41/14 (2006.01) B23H 9/14 (2006.01) B23K 9/013 (2006.01) C25F 7/00 (2006.01)**
[25] EN
[54] **FABRICATION OF NANOPORES USING HIGH ELECTRIC FIELDS**
[54] **FABRICATION DE NANOPORES A L'AIDE DE CHAMPS ELECTRIQUES ELEVES**
[72] KWOK, WING HEI, CA
[72] TABARD-COSSA, VINCENT, CA
[72] BRIGGS, KYLE ALEXANDER ZARKEL, CA
[71] THE UNIVERSITY OF OTTAWA, CA
[85] 2014-11-04
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[87] (WO2013/167955)
[30] US (61/643,651) 2012-05-07
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[13] A1
[51] **Int.Cl. H04N 7/15 (2006.01)**
[25] EN
[54] **TRANSMISSION MANAGEMENT SYSTEM, TRANSMISSION SYSTEM, AND PROGRAM FOR TRANSMISSION MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE TRANSMISSIONS, SYSTEME DE TRANSMISSION ET PROGRAMME DESTINE AU SYSTEME DE GESTION DE TRANSMISSIONS**
[72] UMEHARA, NAOKI, JP
[71] RICOH COMPANY, LIMITED, JP
[85] 2014-11-04
[86] 2013-05-20 (PCT/JP2013/064545)
[87] (WO2013/172482)
[30] JP (2012-114595) 2012-05-18

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[13] A1
[51] **Int.Cl. C03C 17/42 (2006.01) A61J 1/05 (2006.01)**
[25] EN
[54] **GLASS CONTAINER AND METHOD FOR MANUFACTURING SAME**
[54] **RECIPIENT DE VERRE, ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] BAMBA, TAKAO, JP
[72] ARAMATA, MASAFUMI, JP
[72] KISHIMOTO, JOTARO, JP
[71] NAMICOS CORPORATION, JP
[85] 2014-11-04
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[54] **SOUPAPE D'ABSORPTION DES CHOCS**
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[72] KAWAKAMI, RYO, JP
[71] KAWASAKI JUKOGYO KABUSHIKI KAISHA, JP
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[87] (WO2014/147987)
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
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[54] **METHOD AND SYSTEM FOR ASSESSING BUSINESS-TO-BUSINESS SALES AND MARKETING PERFORMANCE DATA**
[54] **PROCEDE ET SYSTEME DESTINES A EVALUER DES DONNEES DE PERFORMANCES DE MARKETING ET DE VENTES D'ENTREPRISE A ENTREPRISE**
[72] JAROS, ANTHONY, US
[72] NEESON, JOHN, US
[72] ELDH, RICHARD, US
[71] SIRIUSDECISIONS, INC., US
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[87] (WO2013/173545)
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[30] US (13/894,701) 2013-05-15

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[25] EN
[54] **OPEN-CHANNEL UV WATER TREATMENT PLANT**
[54] **INSTALLATION DE TRAITEMENT DE L'EAU PAR UV PRESENTANT UN CONDUIT OUVERT**
[72] MORNINGSTAR, LEROY JACK, JR., US
[72] KAMMERER, SVEN, DE
[72] RAPAKA, MADHUKAR, IN
[72] KRUGER, FRIEDHELM, DE
[72] RAYMOND, DANIEL, US
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[54] **APPARATUS FOR CONTROLLING A CASCADED HYBRID CONSTRUCTION MACHINE SYSTEM AND A METHOD THEREFOR**
[54] **APPAREIL DE COMMANDE D'UN SYSTEME D'ENGIN DE CHANTIER HYBRIDE EN CASCADE ET PROCEDE POUR CELUI-CI**
[72] KIM, CHONG-CHUL, KR
[71] VOLVO CONSTRUCTION EQUIPMENT AB, SE
[85] 2014-11-04
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[25] EN
[54] **CONDENSING HEAT EXCHANGER AND BOILER/WATER HEATER INCLUDING THE SAME**
[54] **ECHANGEUR DE CHALEUR A CONDENSATION ET CHAUFFE-EAU/CHAUDIERE COMPORTANT CE DERNIER**
[72] RYU, HYUN WOOK, KR
[71] DAESUNG INDUSTRIAL CO. LTD., KR
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[54] **LANE SEPARATOR**
[54] **SEPARATEUR DE FILES**
[72] TUFTE, NILS-JOHAN, NO
[71] OPD GROUP AS, NO
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[25] EN
[54] **SYSTEMS AND METHODS FOR PLACING A COAPTING MEMBER BETWEEN VALVULAR LEAFLETS**
[54] **SYSTEMES ET PROCEDES POUR PLACER UN ELEMENT DE COAPTATION ENTRE DES VALVES DE VALVULE**
[72] KHALIL, VIVIAN, US
[72] SPINNER, ERIN, US
[72] ZIMMERMAN, NEIL, US
[72] NGUYEN, SON V., US
[72] SIEGEL, ALEXANDER J., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[25] EN
[54] **METHOD AND SYSTEM FOR ABANDONING A BOREHOLE**
[54] **PROCEDE ET SYSTEME POUR ABANDONNER UN TROU DE FORAGE**
[72] CONNELL, PAUL L., US
[72] NORDENSTAM, ERIK VILHELM, US
[71] BAKER HUGHES INCORPORATED, US
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[30] US (13/153,795) 2011-06-06

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[13] A1

[51] **Int.Cl. A61G 5/00 (2006.01)**
[25] EN
[54] **WHEELCHAIR WITH USER CONTROLLED TILT MECHANISM**
[54] **FAUTEUIL ROULANT AVEC UN MECANISME D'INCLINAISON COMMANDE PAR L'UTILISATEUR**
[72] PURDUE, CAROLE, US
[72] DYKES, CHRISTOPHER, US
[71] PURDUE, CAROLE, US
[71] DYKES, CHRISTOPHER, US
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[87] (WO2013/166134)
[30] US (61/687,953) 2012-05-04

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[25] EN
[54] **BOLTED CONNECTOR FOR STATOR COILS OF AN ELECTRICAL GENERATOR**
[54] **CONNECTEUR BOULONNE POUR BOBINES DE STATOR D'UN GENERATEUR ELECTRIQUE**
[72] VITELLO, TRAVIS JOHN, US
[72] JALUTHARIYA, MUKESH KUMAR, IN
[71] SIEMENS ENERGY, INC., US
[85] 2014-11-04
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[13] A1
[51] **Int.Cl. B02C 13/09 (2006.01) B02C 13/286 (2006.01)**
[25] EN
[54] **METHOD OF FEEDING MATERIAL TO A HORIZONTAL SHAFT IMPACT CRUSHER, AND A CRUSHING DEVICE**
[54] **PROCEDE D'ALIMENTATION DE MATERIAU DANS UN CONCASSEUR A PERCUSSION A ARBRE HORIZONTAL, ET DISPOSITIF DE CONCASSEGE**
[72] DALLIMORE, ROWAN, GB
[72] FORSBERG, ANDREAS, SE
[72] KJAERRAN, KNUT, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2014-11-04
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[87] (WO2013/189687)
[30] EP (12172806.7) 2012-06-20

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[13] A1
[51] **Int.Cl. B32B 27/10 (2006.01)**
[25] EN
[54] **CONTAINER WITH HIGH MOISTURE BARRIER PROPERTIES AND A RECLOSABLE POUR SPOUT**
[54] **RECIPIENT AVEC D'EXCELLENTE PROPRIETES DE BARRIERE CONTRE L'HUMIDITE ET UN BEC VERSEUR REFERMABLE**
[72] ZHENG, YONG, US
[72] KALBERER, RODERICK W., US
[72] MARTINEZ, CELSO S., US
[72] BITOWFT, BRUCE, US
[72] KALMAN, JEFFREY M., US
[72] MIDKIFF, TODD, US
[72] ANDREWS, JASON S., US
[72] MENDENHALL, ANDREW B., US
[71] EVERGREEN PACKAGING, INC., US
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[51] **Int.Cl. B26D 7/22 (2006.01) B26D 7/00 (2006.01) B26D 7/06 (2006.01)**
[25] EN
[54] **FOOD PRODUCT SLICER WITH REMOVABLE KNIFE COVER PLATE AND ASSOCIATED METHOD**
[54] **TRANCHEUSE POUR ALIMENTS DOTEES D'UNE PLAQUE DE RECOUVREMENT DE COUTEAU AMOVIBLE ET PROCEDE ASSOCIE**
[72] ZHU, GUANGSHAN, US
[71] PREMARK FEG L.L.C., US
[85] 2014-11-04
[86] 2013-05-03 (PCT/US2013/039413)
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[13] A1
[51] **Int.Cl. A61G 7/12 (2006.01)**
[25] EN
[54] **APPARATUS FOR MOVING A LIMB OF A BEDRIDDEN PERSON**
[54] **APPAREIL DESTINE A DEPLACER UN MEMBRE D'UNE PERSONNE ALITEE**
[72] OSIKA, MICHAEL P., US
[71] OSIKA, MICHAEL P., US
[85] 2014-11-04
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[30] US (13/474,802) 2012-05-18

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[13] A1
[51] **Int.Cl. F25B 1/00 (2006.01) F25B 49/00 (2006.01)**
[25] EN
[54] **CO2 REFRIGERATION SYSTEM WITH INTEGRATED AIR CONDITIONING MODULE**
[54] **SYSTEME DE REFRIGERATION AU CO2 POURVU D'UN MODULE DE CONDITIONNEMENT D'AIR INTEGRE**
[72] CHRISTENSEN, KIM G., DK
[71] HILL, PHOENIX, INC., US
[85] 2014-11-04
[86] 2013-05-03 (PCT/US2013/039453)
[87] (WO2013/169591)
[30] US (61/646,082) 2012-05-11
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[13] A1
[51] **Int.Cl. E21B 33/127 (2006.01) E21B 33/128 (2006.01)**
[25] EN
[54] **SEALING DEVICES FOR SEALING INNER WALL SURFACES OF A WELLBORE AND METHODS OF INSTALLING SAME IN A WELLBORE**
[54] **DISPOSITIFS D'ETANCHEITE POUR L'ETANCHEITE DE SURFACES DE PAROI INTERNE D'UN Puits DE FORAGE ET PROCEDES D'INSTALLATION DE CEUX-CI DANS UN Puits DE FORAGE**
[72] O'MALLEY, EDWARD J., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-11-04
[86] 2012-06-04 (PCT/US2012/040719)
[87] (WO2012/167240)
[30] US (13/152,346) 2011-06-03

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[13] A1
[51] **Int.Cl. E21B 10/46 (2006.01) B24D 3/10 (2006.01)**
[25] EN
[54] **METHODS OF FORMING CUTTING ELEMENTS BY REMOVING METAL FROM INTERSTITIAL SPACES IN POLYCRYSTALLINE DIAMOND**
[54] **PROCEDES DE FORMATION D'ELEMENTS DE COUPE EN RETIRANT DU METAL DES ESPACES INTERSTITIELS DANS LE DIAMANT POLYCRISTALLIN**
[72] MAZAYAR, OLEG A., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-11-04
[86] 2013-05-03 (PCT/US2013/039486)
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[30] US (13/464,483) 2012-05-04

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- [54] **OPHTHALMIC COMPOSITIONS WITH IMPROVED DESSICATION PROTECTION AND RETENTION**

[54] **COMPOSITIONS**

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[72] DAVIS, JAMES W., US

[72] KETELSON, HOWARD ALLEN, US

[72] CAMPBELL, ELAINE E., US

[72] MEADOWS, DAVID L., US

[72] RANGARAJAN, REKHA, US

[71] ALCON RESEARCH, LTD., US

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- [51] **Int.Cl. A61K 31/09 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01)**

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- [54] **METHOD FOR INDUCING UDP-GLUCURONOSYLTRANSFERASE ACTIVITY USING PTEROSTILBENE**

[54] **PROCEDE POUR INDIUIRE UNE ACTIVITE UDP-GLUCURONOSYLTRANSFERASE EN UTILISANT LE PTEROSTILBENE**

[72] BARTOS, JEREMY, US

[72] DELLINGER, RYAN, US

[71] CHROMADDEX INC., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[85] 2014-11-04

[86] 2012-11-14 (PCT/US2012/064993)

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[72] CULLIN, PETER, SE

[71] DORO AB, SE

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[86] 2013-05-24 (PCT/EP2013/060795)

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[25] EN

[54] **AUTOMATED METHOD OF ULTRASONICALLY SCANNING CUTTERS WHILE ON THE BIT FOR CRACK DETECTION**

[54] **METHODE AUTOMATISEE DE BALAYAGE PAR ULTRASONS DE TAILLANTS LORSQU'ILS SONT SUR L'OUTIL DE FORAGE POUR DETECTER LES FISSURES**

[72] PUZZ, TRAVIS E., US

[72] SCOTT, DAN E., US

[71] BAKER HUGHES INCORPORATED, US

[85] 2014-11-04

[86] 2013-05-03 (PCT/US2013/039490)

[87] (WO2013/166402)

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[54] **PROTECTED RETAINING BANDS**

[54] **BANDES DE RETENUE PROTEGEES**

[72] SMITH, DONALD, US

[71] HALLIBURTON ENERGY SERVICES, INC., US

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[86] 2013-01-29 (PCT/US2013/023579)

[87] (WO2013/165494)

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- [51] **Int.Cl. F25J 3/08 (2006.01) B01D 53/02 (2006.01) B01D 53/62 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR CARBON DIOXIDE CAPTURE AND SEQUESTRATION**

[54] **IPC: F25J 3/08, B01D 53/02, 53/02 SYSTEME ET PROCEDE POUR LA CAPTURE ET LA SEQUESTRATION DE DIOXYDE DE CARBONE**

[72] EISENBERGER, PETER, US

[71] EISENBERGER, PETER, US

[85] 2014-11-04

[86] 2013-05-03 (PCT/US2013/039534)

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- [51] **Int.Cl. B02C 13/09 (2006.01) B02C 13/286 (2006.01)**

[25] EN

[54] **HORIZONTAL SHAFT IMPACT CRUSHER FEED CHUTE**

[54] **GOULOTTE D'ALIMENTATION DE CONCASSEUR A IMPACT A ARBRE HORIZONTAL**

[72] DALLIMORE, ROWAN, GB

[72] FORSBERG, ANDREAS, SE

[72] KJAERRAN, KNUT, SE

[71] SANDVIK INTELLECTUAL PROPERTY AB, SE

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[87] (WO2013/189691)

[30] EP (12172803.4) 2012-06-20

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[51] **Int.Cl. A61B 17/70 (2006.01) A61B 17/86 (2006.01) A61B 17/90 (2006.01) A61F 2/44 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR INTRA-OPERATIVE SPINAL ALIGNMENT**
[54] **DISPOSITIFS ET METHODES POUR L'ALIGNEMENT DE LA COLONNE VERTEBRALE LORS D'UNE OPERATION**
[72] VAN DER WALT, NICHOLAS, US
[72] NIELSEN, JONATHAN, US
[71] ORTHALIGN, INC., US
[85] 2014-11-04
[86] 2013-05-06 (PCT/US2013/039770)
[87] (WO2013/169674)
[30] US (61/643,979) 2012-05-08

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[13] A1
[51] **Int.Cl. B02C 1/10 (2006.01)**
[25] EN
[54] **MEANS FOR SECURING JAW PLATES IN A JAW CRUSHER**
[54] **METHODES DE FIXATION DE PLAQUES DE MACHOIRE DANS UN CONCASSEUR A MACHOIRES**
[72] LINDBERG, MARTEN, SE
[72] LJUNGGREN, KARIN, SE
[72] SJOBECK, ROGER, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2014-11-04
[86] 2013-05-27 (PCT/EP2013/060837)
[87] (WO2013/186033)
[30] EP (12171784.7) 2012-06-13

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[13] A1
[51] **Int.Cl. B65D 5/22 (2006.01) B65D 5/24 (2006.01) B65D 5/44 (2006.01)**
[25] EN
[54] **BLANKS FOR CONTAINERS, AND CONTAINERS, BOXES, AND METHODS THEREOF**
[54] **FLANS POUR CONTENANTS ET CONTENANTS, BOITES ET PROCEDES ASSOCIES**
[72] SYLVESTER, SCOTT D., US
[71] MULTI PACKAGING SOLUTIONS, INC., US
[85] 2014-11-04
[86] 2013-03-13 (PCT/US2013/030671)
[87] (WO2013/169347)
[30] US (61/644,192) 2012-05-08

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[13] A1
[51] **Int.Cl. B65G 47/26 (2006.01) B65G 15/12 (2006.01) B65G 43/08 (2006.01)**
[25] EN
[54] **APPARATUS FOR ORDERLY SUPPLY OF A GROUP OF TRAYS TO A SEALING MACHINE OF SAID TRAYS, WITH APPLICATION OF A COVERING FILM**
[54] **APPAREIL FOURNISSANT DE FACON ORDONNEE UN GROUPE DE PLATEAUX A UNE MACHINE A SCELLER LESDITS PLATEAUX AVEC APPLICATION D'UN FILM DE COUVERTURE**
[72] SCHIAVINA, ANDREA, IT
[71] GRUPPO FABBRI VIGNOLA S.P.A., IT
[85] 2014-11-04
[86] 2013-06-18 (PCT/EP2013/062661)
[87] (WO2014/001159)
[30] IT (BO2012A000353) 2012-06-26

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[13] A1
[51] **Int.Cl. H01M 4/90 (2006.01) H01M 4/86 (2006.01) H01M 8/02 (2006.01)**
[25] EN
[54] **ANODE ELECTRO-CATALYSTS FOR ALKALINE MEMBRANE FUEL CELLS**
[54] **ELECTROCATALYSEURS ANODIQUES POUR PILES A COMBUSTIBLE A MEMBRANE ALCALINE**
[72] DEKEL, DARIO, IL
[72] GOTTESFELD, SHIMSHON, IL
[71] CELLERA, INC., IL
[85] 2014-11-04
[86] 2013-05-07 (PCT/US2013/039853)
[87] (WO2013/184269)
[30] US (61/643,509) 2012-05-07

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[13] A1
[51] **Int.Cl. E04C 2/296 (2006.01) E04B 1/76 (2006.01) E04F 13/073 (2006.01) E04F 13/08 (2006.01) E04F 13/12 (2006.01) E04B 1/94 (2006.01)**
[25] EN
[54] **FOAM WALL INSULATION SYSTEM**
[54] **SYSTEME D'ISOLATION DE PAROI EN MOUSSE**
[72] SAGNARD, ALAIN, CH
[72] MASSUEGER, LARS, CH
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-11-04
[86] 2013-05-28 (PCT/US2013/042797)
[87] (WO2013/184425)
[30] US (61/656,541) 2012-06-07

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[13] A1
[51] **Int.Cl. D04B 21/12 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **METHOD OF MAKING A KNIT WITH BARBS**
[54] **PROCEDE DE FABRICATION D'UN TISSU A MAILLES DOTE D'ARDILLONS**
[72] SIMONS, DAMIEN, FR
[71] SOFRADIM PRODUCTION, FR
[85] 2014-11-04
[86] 2013-06-27 (PCT/EP2013/063474)
[87] (WO2014/001432)
[30] FR (12/56168) 2012-06-28

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[13] A1

[51] **Int.Cl. A01B 79/00 (2006.01)**
[25] EN
[54] **A DEVICE, SYSTEM, AND METHOD FOR SELECTING SEED VARIETIES AND FORECASTING AN OPTIMUM PLANTING TIME WINDOW FOR THE PLANTING OF SAID SEED**
[54] **DISPOSITIF, SYSTEME ET PROCEDE DE SELECTION DE VARIETES DE GRAINES ET DE PREVISION D'UNE FENETRE TEMPORELLE DE PLANTATION OPTIMUM POUR PLANTER LESDITES GRAINES**
[72] BREHMER, JEFF, US
[72] MELTON, KENNETH, US
[72] OLIVIER, DANIEL, US
[71] BAYER CROPSCIENCE LP, US
[85] 2014-11-04
[86] 2013-03-13 (PCT/US2013/030698)
[87] (WO2013/169349)
[30] US (61/644,075) 2012-05-08

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[13] A1

[51] **Int.Cl. H01H 33/59 (2006.01) H01H 9/54 (2006.01) H01H 33/44 (2006.01)**
[25] EN
[54] **MAGNETIZING INRUSH CURRENT SUPPRESSING DEVICE**
[54] **DISPOSITIF DE SUPPRESSION DU COURANT D'APPEL D'AIMANTATION**
[72] KOSHIZUKA, TADASHI, JP
[72] MARUYAMA, SHIRO, JP
[72] SAITO, MINORU, JP
[72] MAEHARA, HIROYUKI, JP
[72] SUZUKI, KOJI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[85] 2014-11-05
[86] 2013-04-16 (PCT/JP2013/061292)
[87] (WO2013/168519)
[30] JP (2012-106618) 2012-05-08

[21] **2,872,638**
[13] A1

[51] **Int.Cl. B32B 5/18 (2006.01)**
[25] EN
[54] **POLYMERIC FOAM INSULATION SYSTEM FOR PIPES**
[54] **SYSTEME D'ISOLATION A BASE DE MOUSSE POLYMERE POUR TUYAUX**
[72] SAGNARD, ALAIN, CH
[72] MASSUEGER, LARS, CH
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2014-11-04
[86] 2013-05-28 (PCT/US2013/042798)
[87] (WO2014/035501)
[30] US (61/656,542) 2012-06-07

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[13] A1

[51] **Int.Cl. H01G 11/32 (2013.01) H01G 11/48 (2013.01)**
[25] EN
[54] **DEVICES AND METHODS INCLUDING POLYACETYLENES**
[54] **DISPOSITIFS ET PROCEDES COMPRENANT DES POLYACETYLENES**
[72] HUNTER, IAN W., US
[72] SWAGER, TIMOTHY M., US
[72] ZHU, ZHENG GUO, US
[71] POLYJOULE, INC., US
[85] 2014-11-04
[86] 2013-03-13 (PCT/US2013/030738)
[87] (WO2013/154724)
[30] US (61/623,887) 2012-04-13

[21] **2,872,640**
[13] A1

[51] **Int.Cl. F02C 7/00 (2006.01) F01D 5/12 (2006.01) F01D 25/00 (2006.01) F02C 9/00 (2006.01)**
[25] EN
[54] **TURBINE DAMPER**
[54] **AMORTISSEUR DE TURBINE**
[72] ZHANG, QINGXUAN M., US
[72] MEIER, ANDREW T., US
[71] SOLAR TURBINES INCORPORATED, US
[85] 2014-11-04
[86] 2013-05-30 (PCT/US2013/043217)
[87] (WO2013/181312)
[30] US (13/485,747) 2012-05-31

[21] **2,872,641**
[13] A1

[51] **Int.Cl. B21D 39/02 (2006.01) B21D 19/04 (2006.01)**
[25] EN
[54] **ROLLER HEMMING DEVICE AND ROLLER HEMMING METHOD**
[54] **DISPOSITIF DE RABATTAGE A ROULEAUX ET PROCEDE DE RABATTAGE A ROULEAUX**
[72] YOSHIMICHI, HITOSHI, JP
[72] MIWA, HIROSHI, JP
[72] HIROSE, KAZUYA, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2014-11-05
[86] 2013-05-08 (PCT/JP2013/062944)
[87] (WO2013/168743)
[30] JP (2012-106870) 2012-05-08

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[13] A1

[51] **Int.Cl. A61F 2/00 (2006.01)**
[25] EN
[54] **HERNIA PROSTHESIS**
[54] **PROTHESE POUR HERNIE**
[72] LECUIVRE, JULIE, FR
[72] LADET, SEBASTIEN, FR
[71] SOFRADIM PRODUCTION, FR
[85] 2014-11-04
[86] 2013-06-28 (PCT/EP2013/063643)
[87] (WO2014/001508)
[30] FR (1256206) 2012-06-29

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[13] A1
[51] **Int.Cl. C12N 5/078 (2010.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INFUSION OF TRANSIENTLY ENGRAFTING, SELECTED POPULATIONS OF ALLOGENEIC LYMPHOCYTES TO TREAT CANCER**
[54] **METHODES ET COMPOSITIONS POUR LA PERFUSION DE POPULATIONS CHOISIES DE LYMPHOCYTES ALLOGENIQUES A PRISE DE GREFFE TRANSITOIRE POUR TRAITER LE CANCER**
[72] FUCHS, EPHRAIM JOSEPH, US
[72] SYMONS, HEATHER JILL, US
[72] SWINNEN, LODE, US
[71] THE JOHNS HOPKINS UNIVERSITY, US
[85] 2014-11-04
[86] 2013-03-15 (PCT/US2013/032129)
[87] (WO2013/169386)
[30] US (61/644,126) 2012-05-08

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/48 (2006.01)**
[25] EN
[54] **FORMULATIONS AND METHODS FOR VAGINAL DELIVERY OF ANTIPROGESTINS**
[54] **FORMULATIONS ET METHODES D'ADMINISTRATION VAGINALE D'ANTIPROGESTINES**
[72] PODOLSKI, JOSEPH S., US
[72] HSU, KUANG, US
[71] REPROS THERAPEUTICS INC., US
[85] 2014-11-04
[86] 2013-05-30 (PCT/US2013/043447)
[87] (WO2013/181449)
[30] US (61/653,674) 2012-05-31

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4439 (2006.01) A61K 31/497 (2006.01) A61K 31/506 (2006.01) A61K 31/519 (2006.01) A61P 11/00 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) A61P 43/00 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **AROMATIC HETEROCYCLIC DERIVATIVE AND PHARMACEUTICAL**
[54] **DERIVE HETEROCYCLIQUE AROMATIQUE ET PRODUIT PHARMACEUTIQUE**
[72] HORI, KATSUTOSHI, JP
[72] HAYASE, HIROKI, JP
[72] TERADA, TOMOHIRO, JP
[71] NIPPON SHINYAKU CO., LTD., JP
[85] 2014-11-05
[86] 2013-05-29 (PCT/JP2013/064933)
[87] (WO2013/180183)
[30] JP (2012-122715) 2012-05-30

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[13] A1
[51] **Int.Cl. E21B 15/00 (2006.01)**
[25] EN
[54] **WELL DRILLING APPARATUS AND ASSEMBLING AND DISASSEMBLING METHOD**
[54] **APPAREIL DE FORAGE DE Puits ET METHODE DE MONTAGE ET DE DEMONTAGE**
[72] FERRARI, STEFANO, IT
[71] DRILLMEC S.P.A., IT
[85] 2014-11-04
[86] 2013-05-03 (PCT/IB2013/053529)
[87] (WO2013/168064)
[30] IT (TO2012A000414) 2012-05-09

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[13] A1
[51] **Int.Cl. G01N 21/00 (2006.01) G01N 9/00 (2006.01) G01N 21/47 (2006.01)**
[25] EN
[54] **METHODS OF USING NEAR FIELD OPTICAL FORCES**
[54] **PROCEDES D'UTILISATION DE FORCES OPTIQUES EN CHAMP PROCHE**
[72] HART, ROBERT, US
[72] CORDOVEZ, BERNARDO, US
[71] OPTOFLUIDICS, INC., US
[85] 2014-11-04
[86] 2013-03-15 (PCT/US2013/032283)
[87] (WO2013/172976)
[30] US (61/646,574) 2012-05-14

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[13] A1
[51] **Int.Cl. A47B 43/02 (2006.01) B64D 11/00 (2006.01) F16B 5/01 (2006.01) F16B 5/07 (2006.01)**
[25] EN
[54] **SELF-LOCKING JOINTS FOR PANEL STRUCTURES AND METHODS OF FABRICATING THE SAME**
[54] **ARTICULATIONS A VERROUILLAGE AUTOMATIQUE POUR STRUCTURES DE PANNEAU ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] REEVES, BRAD J., US
[72] GOOCH, PAUL L., US
[71] THE BOEING COMPANY, US
[85] 2014-11-04
[86] 2013-06-24 (PCT/US2013/047308)
[87] (WO2014/039141)
[30] US (13/605,991) 2012-09-06

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[13] A1
[51] **Int.Cl. C07D 303/22 (2006.01) A61K 31/336 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **POLYMORPHIC SALT OF THE OXALATE SALT OF 6-O-(4-DIMETHYLAMINOETHOXY) CINNARNOYL FUMAGILLOL AND METHODS OF MAKING AND USING SAME**
[54] **SEL POLYMORPHE DE SEL D'OXALATE DE 6-O-(4-DIMETHYLAMINOETHOXY) CINNARNOYL FUMAGILLOL ET SES PROCEDES DE PRODUCTION ET D'UTILISATION**
[72] CRAWFORD, THOMAS, US
[71] ZAFGEN, INC., US
[85] 2014-11-04
[86] 2013-05-07 (PCT/US2013/039877)
[87] (WO2013/169727)
[30] US (61/643,586) 2012-05-07

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[51] **Int.Cl. H01M 4/38 (2006.01) H01M 4/134 (2010.01) H01M 4/587 (2010.01) H01M 4/36 (2006.01)**

[25] EN

[54] **NEGATIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, COMPOSITE NEGATIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, RESIN COMPOSITION FOR LITHIUM ION SECONDARY BATTERY, NEGATIVE ELECTRODE, NEGATIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY**

[54] **MATERIAU D'ELECTRODE NEGATIVE POUR BATTERIES SECONDAIRES A ION LITHIUM, MATERIAU D'ELECTRODE NEGATIVE COMPOSITE POUR BATTERIES SECONDAIRES A ION LITHIUM, COMPOSITION DE RESINE POUR ELECTRODES NEGATIVES DE BATTERIES SECONDAIRES A ION LITHIUM, ELECTRODE NEGATIVE DE BATTERIES SECONDAIRES A ION LITHIUM, ET BATTERIE SECONDAIRE A ION LITHIUM**

[72] YAMASHITA, TETSUO, JP
[72] CHAYAMA, NATSUKO, JP
[72] YUBA, TOMOYUKI, JP
[72] TAMAKI, EIICHIRO, JP
[72] KUBOTA, YASUO, JP
[72] NONAKA, TOSHIYUKI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2014-11-05
[86] 2013-06-28 (PCT/JP2013/067813)
[87] (WO2014/007161)
[30] JP (2012-152605) 2012-07-06

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[13] A1

[51] **Int.Cl. B23K 9/10 (2006.01) H02M 1/42 (2007.01)**

[25] EN

[54] **METHOD AND APPARATUS FOR PROVIDING WELDING TYPE POWER USING MULTIPLE POWER MODULES**

[54] **PROCEDE ET APPAREIL DE FOURNITURE DE PUISSANCE DE TYPE SOUDAGE A L'AIDE DE MULTIPLES MODULES DE PUISSANCE**

[72] SCHARTNER, QUINN W., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-04
[86] 2013-07-15 (PCT/US2013/050568)
[87] (WO2014/018300)
[30] US (61/674,772) 2012-07-23
[30] US (13/837,075) 2013-03-15

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[13] A1

[51] **Int.Cl. A61K 31/4178 (2006.01) A61K 9/14 (2006.01)**

[25] EN

[54] **NOVEL COMPOSITIONS AND USES OF ANTI-HYPERTENSION AGENTS FOR CANCER THERAPY**

[54] **NOUVELLES COMPOSITIONS ET UTILISATIONS D'AGENTS ANTIHYPERTENSEURS POUR THERAPIE ANTICANCEREUSE**

[72] JAIN, RAKESH KUMAR, US
[72] BOUCHER, YVES, US
[72] CHAUHAN, VIKASH PAL SINGH, US
[72] DIOP-FRIMPONG, BENJAMIN, US
[72] KRANE, STEPHEN, US
[72] CRANE, ALAN L., US
[72] LANGER, ROBERT SAMUEL, US
[71] THE GENERAL HOSPITAL CORPORATION, US
[71] XTUIT PHARMACEUTICALS, INC., US
[85] 2014-11-04
[86] 2013-05-07 (PCT/US2013/039901)
[87] (WO2013/169739)
[30] US (61/643,487) 2012-05-07
[30] US (13/834,094) 2013-03-15

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[13] A1

[51] **Int.Cl. G06T 15/50 (2011.01) H04N 19/182 (2014.01) H04N 19/34 (2014.01)**

[25] EN

[54] **IMAGE-GENERATING SYSTEM USING BETA DISTRIBUTION TO PROVIDE ACCURATE SHADOW MAPPING**

[54] **SYSTEME GENERE PAR IMAGE UTILISANT UNE DISTRIBUTION BETA POUR FOURNIR UN MAPPAGE D'OMBRES PRECIS**

[72] HAYES, NATHAN, US
[71] SUNFISH STUDIO, LLC, US
[85] 2014-11-04
[86] 2013-03-15 (PCT/US2013/032624)
[87] (WO2013/165621)
[30] US (61/642,593) 2012-05-04

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[13] A1

[51] **Int.Cl. E05D 7/00 (2006.01)**

[25] EN

[54] **HINGE FOR A FIRE DOOR**

[54] **CHARNIERE DESTINEE A UNE PORTE COUPE-FEU**

[72] PARK, GAP HWAN, KR
[71] PARK, GAP HWAN, KR
[85] 2014-11-05
[86] 2012-05-10 (PCT/KR2012/003652)
[87] (WO2012/153985)
[30] KR (10-2011-0043910) 2011-05-11

[21] **2,872,655**
[13] A1

[51] **Int.Cl. B23K 9/02 (2006.01) B23K 9/095 (2006.01) B23K 9/173 (2006.01) B23K 31/00 (2006.01)**

[25] EN

[54] **ADAPTABLE ROTATING ARC WELDING METHOD AND SYSTEM**

[54] **PROCEDE ET SYSTEME DE SOUDAGE A L'ARC ROTATIF ADAPTABLE**

[72] PANELLI, EDWARD J., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-04
[86] 2013-07-26 (PCT/US2013/052356)
[87] (WO2014/035577)
[30] US (61/676,563) 2012-07-27
[30] US (13/767,392) 2013-02-14

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[13] A1
[51] **Int.Cl. C12N 5/0784 (2010.01)**
[25] EN
[54] **STANDARDIZED EX VIVO PLATFORMS FOR THE ANTIGEN-SPECIFIC EXPANSION OF CD4+ T CELL POPULATIONS**
[54] **PLATEFORMES EX VIVO STANDARDISEES POUR L'EXPANSION ANTIGENE-SPECIFIQUE DE POPULATIONS DE LYMPHOCYTES T CD4+**
[72] ETHELL, DOUGLAS WAYNE, US
[71] WESTERN UNIVERSITY OF HEALTH SCIENCES, US
[85] 2014-11-04
[86] 2013-05-08 (PCT/US2013/040172)
[87] (WO2013/169922)
[30] US (61/644,265) 2012-05-08

[21] **2,872,657**
[13] A1
[51] **Int.Cl. B65B 31/02 (2006.01)**
[25] EN
[54] **APPARATUS WITH FACING BELL MEMBERS, FOR MODIFIED ATMOSPHERE PACKAGING OF PRODUCTS PLACED IN TRAYS**
[54] **APPAREIL COMPORTANT DES ELEMENTS DE CLOCHE SE FAISANT FACE, POUR EMBALLAGE SOUS ATMOSPHERE MODIFIEE DE PRODUITS PLACES DANS DES PLATEAUX**
[72] SCHIAVINA, ANDREA, IT
[71] GRUPPO FABBRI VIGNOLA S.P.A., IT
[85] 2014-11-04
[86] 2013-10-04 (PCT/EP2013/070743)
[87] (WO2014/056806)
[30] IT (BO2012A000549) 2012-10-09

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[13] A1
[51] **Int.Cl. A61N 5/00 (2006.01) B82Y 5/00 (2011.01) A61B 18/04 (2006.01)**
[25] EN
[54] **FINE SPATIOTEMPORAL CONTROL OF THERMOLYSIS AND LIPOLYSIS USING NIR LIGHT**
[54] **REGLAGE SPATIO-TEMPOREL FIN DE LA THERMOLYSE ET DE LA LIPOYSE AU MOYEN D'UNE LUMIERE INFRAROUGE PROCHE**
[72] ALMUTAIRI, ADAH, US
[72] ALMUTAIRI, KHALID, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] ELUX MEDICAL, INC., US
[85] 2014-11-04
[86] 2013-05-08 (PCT/US2013/040219)
[87] (WO2013/169955)
[30] US (61/644,328) 2012-05-08

[21] **2,872,660**
[13] A1
[51] **Int.Cl. H04W 52/02 (2009.01) H04M 1/725 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND COMPUTER-READABLE MEDIA FOR TIMER-BASED MANAGEMENT OF COMMUNICATION DEVICES**
[54] **SYSTEMES, PROCEDES ET SUPPORTS LISIBLES PAR ORDINATEUR POUR GESTION A BASE DE SYNCHRONISATION DE DISPOSITIFS DE COMMUNICATION**
[72] PUTMAN, JOHN DAVID, US
[71] FEDEX CORPORATE SERVICES, INC., US
[85] 2014-11-03
[86] 2013-04-26 (PCT/US2013/038459)
[87] (WO2013/165847)
[30] US (61/642,723) 2012-05-04
[30] US (13/868,770) 2013-04-23

[21] **2,872,661**
[13] A1
[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/00 (2006.01) A61B 17/29 (2006.01) A61F 2/00 (2006.01)**
[25] EN
[54] **APPLICATOR INSTRUMENTS HAVING DISTAL END CAPS FOR FACILITATING THE ACCURATE PLACEMENT OF SURGICAL FASTENERS DURING OPEN REPAIR PROCEDURES**
[54] **INSTRUMENTS APPLICATEURS AVEC CAPUCHONS D'EXTREMITE DISTALE POUR FACILITER LA POSE PRECISE D'AGRAFES CHIRURGICALES AU COURS DE PROCEDURES REPARATRICES OUVERTES**
[72] STRAEHNZ, JENS-PETER, DE
[72] HARMS, VOLKER, DE
[72] CARDINALE, MICHAEL, US
[72] SOULS, DOUG, US
[72] COHN, SIMON, US
[72] GABEL, JONATHAN B., US
[71] ETHICON, INC., US
[85] 2014-11-04
[86] 2013-05-09 (PCT/US2013/040326)
[87] (WO2013/170013)
[30] US (13/470,065) 2012-05-11

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[13] A1
[51] **Int.Cl. G01N 21/15 (2006.01) G01N 21/64 (2006.01)**
[25] EN
[54] **SELF-CLEANING OPTICAL SENSOR**
[54] **CAPTEUR OPTIQUE AUTONETTOYANT**
[72] TOKHITUEV, EUGENE, US
[72] OWEN, CHRISTOPHER J., US
[72] SKIRDA, ANATOLY, US
[72] CHRISTENSEN, WILLIAM M., US
[71] ECOLAB USA INC., US
[85] 2014-11-03
[86] 2013-04-30 (PCT/US2013/038839)
[87] (WO2013/165999)
[30] US (13/464,508) 2012-05-04

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[13] A1

[51] **Int.Cl. B65B 59/04 (2006.01) B65B 7/16 (2006.01)**
[25] EN
[54] **APPARATUS FOR THE MECHANIZED REPLACEMENT OF THE SEALING AND CUTTING MODULES IN THE MACHINES FOR THE SEALING OF PRODUCTS IN TRAYS**
[54] **APPAREIL POUR LE REMPLACEMENT MECANISE DES MODULES D'ETANCHEITE ET DE COUPE DANS LES MACHINES POUR LE SCELLEMENT HERMETIQUE DE PRODUITS DANS DES PLATEAUX**
[72] SCHIAVINA, ANDREA, IT
[71] GRUPPO FABBRI VIGNOLA S.P.A., IT
[85] 2014-11-04
[86] 2014-03-07 (PCT/EP2014/054498)
[87] (WO2014/139899)
[30] IT (BO2013A000105) 2013-03-12

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[13] A1

[51] **Int.Cl. A61B 5/11 (2006.01) A61B 5/0488 (2006.01) A61B 5/22 (2006.01)**
[25] EN
[54] **ELECTRO-MEDICAL SYSTEM FOR NEURO-MUSCULAR PARALYSIS ASSESSMENT**
[54] **SYSTEME ELECTROMEDICAL POUR EVALUATION DE LA PARALYSIE NEUROMUSCULAIRE**
[72] MATHUR, AMITABH MOHAN, US
[72] MATHUR, RADHEY MOHAN, US
[72] SHARMA, ARUN KUMAR, US
[72] DURVASULA, VENKATA MURTHY, US
[71] MATHUR, AMITABH MOHAN, US
[71] MATHUR, RADHEY MOHAN, US
[71] SHARMA, ARUN KUMAR, US
[71] DURVASULA, VENKATA MURTHY, US
[85] 2014-11-04
[86] 2013-05-09 (PCT/US2013/040400)
[87] (WO2013/184279)
[30] US (61/657,779) 2012-06-09
[30] US (13/844,560) 2013-03-15

[21] **2,872,666**
[13] A1

[51] **Int.Cl. B01D 53/26 (2006.01) B01D 45/12 (2006.01) B01D 47/06 (2006.01) B01D 50/00 (2006.01) B01D 53/14 (2006.01) B01D 53/78 (2006.01)**
[25] EN
[54] **DEMISTER, METHOD OF MODIFYING AN EXISTING WET-TYPE GAS SCRUBBER AND WET-TYPE GAS SCRUBBER**
[54] **DEVESICULEUR, PROCEDE DE MODIFICATION D'UN LAVEUR DE GAZ DE TYPE PAR VOIE HUMIDE EXISTANT ET LAVEUR DE GAZ DE TYPE PAR VOIE HUMIDE**
[72] OLLILA, JANNE, FI
[72] RONNBERG, TOM, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2014-11-05
[86] 2013-06-03 (PCT/FI2013/050599)
[87] (WO2013/182748)
[30] FI (20125605) 2012-06-04

[21] **2,872,667**
[13] A1

[51] **Int.Cl. A47J 31/36 (2006.01) A47J 31/06 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **SYSTEM FOR MAKING BEVERAGES**
[54] **SYSTEME POUR LA PREPARATION DE BOISSONS**
[72] DIGIUNI, PAOLO, CH
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2014-11-04
[86] 2013-05-13 (PCT/IB2013/053868)
[87] (WO2013/171649)
[30] IT (VR2012A000093) 2012-05-15

[21] **2,872,668**
[13] A1

[51] **Int.Cl. G01N 33/574 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **IN VITRO METHOD FOR THE DIAGNOSIS AND SURVEILLANCE OF CANCER**
[54] **METHODE IN VITRO POUR LE DIAGNOSTIC ET LA SURVEILLANCE DU CANCER**
[72] BARTUNKOVA, JIRINA, CZ
[72] SPISEK, RADEK, CZ
[71] SOTIO A.S., CZ
[85] 2014-11-05
[86] 2013-06-27 (PCT/EP2013/063448)
[87] (WO2014/005909)
[30] EP (12174539.2) 2012-07-02
[30] US (61/672,941) 2012-07-18

[21] **2,872,669**
[13] A1

[51] **Int.Cl. G06F 1/16 (2006.01)**
[25] EN
[54] **SCANNING JACKET FOR A HANDHELD DEVICE**
[54] **CHEMISE A BALAYAGE POUR TERMINAL MOBILE**
[72] YTURRALDE, MARK C., US
[72] GHANBARI, REZA A., US
[71] PATIENTSAFE SOLUTIONS, INC., US
[85] 2014-11-04
[86] 2013-03-29 (PCT/US2013/034619)
[87] (WO2013/149151)
[30] US (13/433,696) 2012-03-29

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[13] A1
[51] **Int.Cl. C12N 9/42 (2006.01) C12N 1/21 (2006.01) C12N 15/52 (2006.01) C12N 15/62 (2006.01) D06M 16/00 (2006.01)**
[25] EN
[54] **IMPROVED ENDOGLUCANASES FOR TREATMENT OF CELLULOSIC MATERIAL**
[54] **ENDOGLUCANASES AMELIOREES POUR LE TRAITEMENT D'UNE MATIERE CELLULOSIQUE**
[72] LEINONEN, TAIJA, FI
[72] KOMANDER, ALEXANDRA, DE
[72] LANGFELDER, KIM, DE
[72] VEHEMAANPERA, JARI, FI
[72] PURANEN, TERHI, FI
[71] ROAL OY, FI
[85] 2014-11-05
[86] 2013-05-23 (PCT/FI2013/050564)
[87] (WO2013/175074)
[30] FI (20125550) 2012-05-24

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[54] **FOAM PRODUCED FROM POLYPROPYLENE WITH LOW GEL CONTENT**
[54] **MOUSSE OBTENUE A PARTIR D'UN POLYPROPYLENE A FAIBLE TENEUR EN GEL**
[72] PROKSCHI, HERMANN, AT
[72] BRAUN, HERMANN, AT
[71] BOREALIS AG, AT
[85] 2014-11-05
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[87] (WO2014/016205)
[30] EP (12177879.9) 2012-07-25

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[51] **Int.Cl. E21B 23/06 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **DISINTEGRABLE TUBULAR ANCHORING SYSTEM AND METHOD OF USING THE SAME**
[54] **SYSTEME D'ANCRAGE TUBULAIRE DESINTEGRABLE ET SON PROCEDE D'UTILISATION**
[72] XU, ZHIYUE, US
[72] XU, YINGQING, US
[72] HERN, GREGORY LEE, US
[72] RICHARD, BENNETT M., US
[71] BAKER HUGHES INCORPORATED, US
[85] 2014-11-04
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[30] US (13/466,322) 2012-05-08

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[51] **Int.Cl. E21B 34/10 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD TO REMOTELY CONTROL FLUID FLOW IN TUBULAR STRINGS AND WELLBORE ANNULUS**
[54] **APPAREIL ET PROCEDE DE COMMANDE A DISTANCE DE L'ECOULEMENT DE FLUIDE DANS LES COLONNES DE PRODUCTION ET ESPACES ANNULAIRES**
[72] TAHOUN, AHMED MOUSTAFA, US
[72] KAFIFY, RAED ISMAIL, MY
[72] JAWAMIR, KARAM J., MY
[72] ALDHIEB, MOHAMMED ABDULMALEK, MY
[72] KHALIL, ABDUL MUSHAWWIR, MY
[71] MIT INNOVATION SDN BHD, MY
[71] PETROLIAM NASIONAL BERHAD (PETRONAS), MY
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[86] 2013-04-11 (PCT/US2013/036238)
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[30] US (61/622,572) 2012-04-11
[30] US (61/710,823) 2012-10-08
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[25] EN
[54] **CONTAINERS HAVING IMPROVED LOAD-BEARING CAPACITY**
[54] **RECIPIENTS DOTES D'UNE CAPACITE DE CHARGE AMELIOREE**
[72] WOLF, JOHN JOSEPH, US
[72] HARACOURT, TOMAS HEINRICH, US
[72] BOLTZ, WILLIAM ARTHUR, US
[72] SCRIMGER, MICHAEL TODD, US
[71] NESTEC S.A., CH
[85] 2014-11-05
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[54] **ROOT PASS WELDING SOLUTION**
[54] **SOLUTION DE SOUDAGE PAR PASSE DE FOND**
[72] HUTCHISON, RICHARD MARTIN, US
[72] AMATA, MARIO ANTHONY, US
[72] BERTRAM, MICHAEL SCOTT, US
[72] XIAO, ZHIGANG, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2014-11-04
[86] 2013-07-26 (PCT/US2013/052387)
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[51] **Int.Cl. A61M 39/10 (2006.01)**
[25] EN
[54] **CONNECTION DEVICE**
[54] **DISPOSITIF DE RACCORDEMENT**
[72] ARDUINI, ARDUINO, IT
[72] ARRIZZA, FABIO, IT
[72] CERASOLI, PAOLO, IT
[71] GLOMERIA THERAPEUTICS S.R.L., IT
[85] 2014-11-05
[86] 2013-05-17 (PCT/IB2013/054051)
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[54] **TREATING PAIN IN PATIENTS WITH HEPATIC IMPAIRMENT**
[54] **TRAITEMENT DE LA DOULEUR CHEZ DES PATIENTS SOUFFRANT DE DEFICIENCE HEPATIQUE**
[72] HARTMAN, ANDREW, US
[72] RUBINO, CHRISTOPHER, US
[72] ROBINSON, CYNTHIA, US
[71] ZOGENIX, INC., US
[85] 2014-11-04
[86] 2013-07-31 (PCT/US2013/053043)
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[30] US (61/677,601) 2012-07-31
[30] US (61/779,698) 2013-03-13

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[54] **ENTERTAINMENT DEVICE**
[54] **DISPOSITIF DE DIVERTISSEMENT**
[72] RAKHECHA, SHAILENDRA, IN
[72] MATTU, GURDEV, GB
[72] MATTU, MAKHAN, GB
[71] RAKHECHA, SHAILENDRA, IN
[71] MATTU, GURDEV, GB
[71] MATTU, MAKHAN, GB
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[25] EN
[54] **FILTERING CONTAINER**
[54] **RECIPIENT FILTRANT**
[72] LOMBARDO, ANDREW W., US
[72] HUDA, STEPHEN P., US
[72] KAHN, MALCOLM R., US
[71] KX TECHNOLOGIES LLC, US
[85] 2014-11-04
[86] 2013-12-17 (PCT/US2013/075680)
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[25] EN
[54] **SYSTEM AND METHOD FOR MONITORING SEALS BETWEEN A STATIONARY CONDUIT AND A ROTATING CONDUIT**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE JOINTS D'ETANCHEITE ENTRE UN CONDUIT STATIQUE ET UN CONDUIT EN ROTATION**
[72] WEAVER, RANDALL FERRAIN, US
[71] NATIONAL OILWELL VARCO, L.P., US
[85] 2014-11-04
[86] 2013-05-10 (PCT/US2013/040587)
[87] (WO2013/170178)
[30] US (61/645,915) 2012-05-11

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[25] EN
[54] **ELECTRODE STRUCTURE OF SOLID TYPE SECONDARY BATTERY**
[54] **STRUCTURE D'ELECTRODE POUR BATTERIE RECHARGEABLE A ELECTROLYTE SOLIDE**
[72] KUDOHI, TAKUO, JP
[72] HIWADA, KIYOYASU, JP
[72] NAKAZAWA, AKIRA, JP
[71] KABUSHIKI KAISHA NIHON MICRONICS, JP
[71] GUALA TECHNOLOGY CO., LTD, JP
[85] 2014-11-05
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[25] EN
[54] **APPLICATOR INSTRUMENTS WITH IMAGING SYSTEMS FOR DISPENSING SURGICAL FASTENERS DURING OPEN REPAIR PROCEDURES**
[54] **INSTRUMENTS APPLICATEURS AVEC SYSTEMES D'IMAGERIE POUR DISTRIBUER DES AGRAFES CHIRURGICALES AU COURS DE PROCEDURES REPARATRICES OUVERTES**
[72] CARDINALE, MICHAEL, US
[72] SOULS, DOUG, US
[72] COHN, SIMON, US
[72] GABEL, JONATHAN B., US
[72] DANIEL, MATTHEW, US
[72] FERREIRA, DANIAL PAUL, US
[72] SKULA, EMIL RICHARD, US
[72] TANNHAUSER, ROBERT J., US
[72] WORTHINGTON, ANTHONY, US
[71] ETHICON, INC., US
[85] 2014-11-04
[86] 2013-05-13 (PCT/US2013/040696)
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[30] US (13/470,022) 2012-05-11
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[25] EN
[54] **ORC SYSTEM AND PROCESS FOR GENERATION OF ENERGY BY ORGANIC RANKINE CYCLE**
[54] **SYSTEME A CYCLE DE RANKINE A FLUIDE ORGANIQUE POUR LA PRODUCTION D'ENERGIE PAR CYCLE DE RANKINE A FLUIDE ORGANIQUE**
[72] SPADACINI, CLAUDIO, IT
[72] XODO, LUCA GIANCARLO, IT
[71] EXERGY S.P.A., IT
[85] 2014-11-04
[86] 2013-05-15 (PCT/IB2013/053960)
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[25] EN
[54] **GRANULATE CONTAINING CANNABINOID, METHOD FOR ITS MANUFACTURE AND ORAL DOSAGE UNIT COMPRISING SUCH GRANULATE**
[54] **CANNABINOIDE CONTENANT DES GRANULES ET SON PROCEDE DE PRODUCTION, ET UNITE DE DOSAGE ORAL COMPRENANT CES GRANULES**
[72] DE VRIES, JAN ALBERT, NL
[72] FERNANDEZ CID, MARIA VANESA, NL
[72] HEREDIA LOPEZ, ANA MARIA, NL
[71] ECHO PHARMACEUTICALS B.V., NL
[85] 2014-11-05
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[87] (WO2013/169101)
[30] EP (12167006.1) 2012-05-07

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[13] A1
[51] **Int.Cl. F21S 4/00 (2006.01)**
[25] EN
[54] **LINEAR LED FIXTURE WITH IMPROVED VIEWING ANGLE**
[54] **LUMINAIRE A DEL LINEAIRE PRESENTANT UN ANGLE DE VUE AMELIORE**
[72] HOCHMAN, JEREMY, US
[71] REVOLUTION DISPLAY, US
[85] 2014-10-07
[86] 2013-05-31 (PCT/US2013/043720)
[87] (WO2013/181608)
[30] US (61/654,264) 2012-06-01

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[13] A1
[51] **Int.Cl. C12N 7/00 (2006.01) A23L 3/3463 (2006.01) C07K 14/01 (2006.01) C12Q 1/68 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **A BACTERIOPHAGE FOR BIOCONTROL OF SALMONELLA AND IN THE MANUFACTURING OR PROCESSING OF FOODS**
[54] **BACTERIOPHAGE POUR LA LUTTE BIOLOGIQUE CONTRE SALMONELLA ET DANS LA FABRICATION OU LE TRAITEMENT D'ALIMENTS**
[72] LOESSNER, MARTIN JOHANNES, CH
[72] HAGENS, STEVEN, NL
[72] SLIJKHUIS, ALBERT JOHANNES HENDRIKUS, NL
[72] KLUMPP, JOCHEN ACHIM, CH
[72] MARTI, ROGER, CH
[71] MICROES B.V., NL
[85] 2014-11-05
[86] 2013-05-07 (PCT/NL.2013/050342)
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[30] EP (12166986.5) 2012-05-07
[30] US (61/643,420) 2012-05-07

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[51] **Int.Cl. B01J 38/02 (2006.01) B01D 43/00 (2006.01) B01J 38/00 (2006.01) B01J 38/48 (2006.01) B09B 3/00 (2006.01) C10G 53/02 (2006.01)**
[25] EN
[54] **PROCESS AND DEVICE FOR TREATING CATALYST DISCHARGED FROM HYDROGENATION OF BUBBLING BED RESIDUAL OIL**
[54] **PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DE CATALYSEUR REJETE DE L'HYDROGENATION DE PETROLE RESIDUAIRE EN LIT FLUIDISE A BULLES**
[72] LI, JIANPING, CN
[72] WANG, JIANGANG, CN
[72] WANG, HUALIN, CN
[72] ZHANG, YANHONG, CN
[72] CUI, XIN, CN
[72] SHEN, LING, CN
[72] LI, LIQUAN, CN
[72] CHEN, CHONGGANG, CN
[72] ZENG, QIAN, CN
[72] ZHAO, YING, CN
[71] SHANGHAI HUACHANG ENVIRONMENTAL PROTECTION CO., LTD., CN
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[86] 2012-07-25 (PCT/CN2012/079132)
[87] (WO2013/166783)
[30] CN (201210147625.1) 2012-05-11

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[51] **Int.Cl. G09B 9/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR VISUALIZING MILITARY OPERATIONS**
[54] **DISPOSITIF POUR VISUALISER DES OPERATIONS MILITAIRES**
[72] VOGELMANN, DIETMAR, DE
[72] FORSTER, MARTIN, DE
[72] KOCH, MARTIN, DE
[72] RADETZKY, ARNE, DE
[71] EADS DEUTSCHLAND GMBH, DE
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[86] 2013-05-03 (PCT/EP2013/001316)
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[30] DE (10 2012 008 813.2) 2012-05-07

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[13] A1

[51] **Int.Cl. B64D 11/00 (2006.01) G01S 13/74 (2006.01)**

[25] EN

[54] **METHOD AND PASSENGER INFORMATION SYSTEM FOR PROVIDING FLIGHT INFORMATION DATA**

[54] **PROCEDE ET SYSTEME D'INFORMATION SERVANT A FOURNIR DES INFORMATIONS DE VOL A DES PASSAGERS**

[72] WENDE, GERKO, DE

[71] LUFTHANSA TECHNIK AG, DE

[85] 2014-11-05

[86] 2013-05-29 (PCT/EP2013/001587)

[87] (WO2013/185886)

[30] DE (10 2012 210 149.7) 2012-06-15

[21] **2,872,705**
[13] A1

[51] **Int.Cl. G21F 9/30 (2006.01) B01F 7/18 (2006.01) B01F 13/10 (2006.01) G21F 9/12 (2006.01)**

[25] EN

[54] **ION EXCHANGER RESIN CRUSHING APPARATUS AND ION EXCHANGER RESIN CRUSHING PROCESS**

[54] **DISPOSITIF DE BROyage D'UNE RESINE ECHANGEUSE D'IONS ET PROCEDE DE BROyage D'UNE RESINE ECHANGEUSE D'IONS**

[72] FEHRMANN, HENNING, DE

[72] SCHUTZE, DANIEL, DE

[71] WESTINGHOUSE ELECTRIC GERMANY GMBH, DE

[85] 2014-11-05

[86] 2013-06-28 (PCT/EP2013/001902)

[87] (WO2014/000890)

[30] DE (102012012828.2) 2012-06-28

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[13] A1

[51] **Int.Cl. A61F 9/00 (2006.01) A61K 9/00 (2006.01)**

[25] EN

[54] **IMPLANTABLE INTRAOCULAR DRUG DELIVERY APPARATUS, SYSTEM AND METHOD**

[54] **APPAREIL IMPLANTABLE, SYSTEME ET PROCEDE POUR L'ADMINISTRATION INTRAOCULAIRE D'UN MEDICAMENT**

[72] BASINGER, BROOKE C., US

[72] URBANIAK, DANIEL J., US

[71] ABBOTT MEDICAL OPTICS INC., US

[85] 2014-06-17

[86] 2012-12-20 (PCT/US2012/070956)

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[30] US (13/331,005) 2011-12-20

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[13] A1

[51] **Int.Cl. C04B 18/24 (2006.01) C04B 26/02 (2006.01) C04B 28/00 (2006.01) C04B 40/00 (2006.01)**

[25] EN

[54] **REINFORCEMENT FOR A MATERIAL MADE FROM A MOULDABLE COMPOSITION**

[54] **RENFORCEMENT POUR UN MATERIAU EN UNE MATIERE MOULABLE**

[72] GROSSKINSKY, THEO, DE

[72] KRUS, MARTIN, DE

[72] THEUERKORN, WERNER, DE

[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V., DE

[85] 2014-10-01

[86] 2013-04-25 (PCT/EP2013/058606)

[87] (WO2013/160394)

[30] DE (10 2012 206 954.2) 2012-04-26

[21] **2,872,711**
[13] A1

[51] **Int.Cl. B63B 21/50 (2006.01) H01F 3/02 (2006.01) H01F 30/12 (2006.01) H01F 38/18 (2006.01)**

[25] FR

[54] **ROTATING THREE-PHASE TRANSFORMER WITH LINKED AND FREE FLUX**

[54] **TRANSFORMATEUR TOURNANT TRIPHASE A FLUX LIES LIBRE**

[72] DUVAL, CEDRIC, FR

[71] LABINAL POWER SYSTEMS, FR

[85] 2014-11-05

[86] 2013-05-03 (PCT/FR2013/050983)

[87] (WO2013/167827)

[30] FR (1254223) 2012-05-09

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[13] A1

[51] **Int.Cl. C12P 21/02 (2006.01) C12N 1/20 (2006.01) C12N 15/70 (2006.01) C12N 15/74 (2006.01) C12N 15/79 (2006.01)**

[25] EN

[54] **SEPARATOME-BASED PROTEIN EXPRESSION AND PURIFICATION PLATFORM**

[54] **PLATEFORME D'EXPRESSION ET DE PURIFICATION DE PROTEINES A BASE DE SEPARATOME**

[72] BRUNE, ELLEN M., US

[72] BETTLE, ROBERT R., US

[72] ATAAL, MOHAMMAD M., US

[72] BARTLOW, PATRICK R., US

[72] HENRY, RALPH L., US

[71] BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS, US

[71] UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US

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[86] 2013-03-12 (PCT/US2013/030549)

[87] (WO2013/138351)

[30] US (61/610,298) 2012-03-13

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[13] A1
- [51] **Int.Cl. C22B 1/00 (2006.01) C22B 7/00 (2006.01)**
- [25] EN
- [54] **PROCESS AND SYSTEM FOR EXTRACTING PURE FERROUS SCRAP FREE FROM ADMIXTURES FROM A VARIETY OF SHREDDED SCRAP METAL**
- [54] **PROCEDE ET DISPOSITIF D'EXTRACTION DE RESIDUS DE METAUX FERREUX PURS ET LIBRES CONTENUS DANS UN MELANGE DE DECHETS METALLIQUES BROYES**
- [72] KOSLOW, ALEXANDER, DE
- [71] AKAI GMBH & CO. KG, DE
- [85] 2014-11-05
- [86] 2013-04-10 (PCT/DE2013/000183)
- [87] (WO2014/166460)

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[13] A1
- [51] **Int.Cl. C01B 31/04 (2006.01) H01M 4/583 (2010.01) H01G 11/42 (2013.01)**
- [25] EN
- [54] **SURFACE-MODIFIED CARBON HYBRID PARTICLES, METHODS OF MAKING, AND APPLICATIONS OF THE SAME**
- [54] **PARTICULES HYBRIDES DE CARBONE MODIFIEES EN SURFACE, LEURS PROCEDES DE FABRICATION ET LEURS APPLICATIONS**
- [72] CERICOLA, DARIO, CH
- [72] JURI, GIOVANNI, CH
- [72] ZURCHER, SIMONE, CH
- [72] SPAHR, MICHAEL E., CH
- [71] IMERYS GRAPHITE & CARBON SWITZERLAND S.A., CH
- [85] 2014-11-05
- [86] 2013-03-15 (PCT/EP2013/055370)
- [87] (WO2013/174536)
- [30] US (61/649,412) 2012-05-21
- [30] EP (12168742.0) 2012-05-21

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[13] A1
- [51] **Int.Cl. F25B 49/02 (2006.01) F25B 1/00 (2006.01) F25B 41/04 (2006.01)**
- [25] EN
- [54] **REFRIGERATING CAPACITY CONTROL DEVICE, A TESTING APPARATUS AND A REFRIGERATING CONTROL METHOD USING THE DEVICE**
- [54] **DISPOSITIF DE COMMANDE DE CAPACITE DE REFRIGERATION, ET APPAREIL D'ESSAI ET PROCEDE DE COMMANDE UTILISANT LE DISPOSITIF**
- [72] XU, YUEMING, CN
- [71] XUTEMP TEMPTTECH CO., LTD, CN
- [85] 2014-10-22
- [86] 2013-04-23 (PCT/CN2013/074548)
- [87] (WO2013/166910)
- [30] CN (201210145259.6) 2012-05-11

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[13] A1
- [51] **Int.Cl. H01F 38/18 (2006.01) H01F 30/12 (2006.01)**
- [25] FR
- [54] **THREE-PHASE ROTARY TRANSFORMER HAVING A MAGNETIC SHELL**
- [54] **TRANSFORMATEUR TOURNANT TRIPHASE CUIRASSE MAGNETIQUEMENT**
- [72] DUVAL, CEDRIC, FR
- [71] LABINAL POWER SYSTEMS, FR
- [85] 2014-11-05
- [86] 2013-05-03 (PCT/FR2013/050984)
- [87] (WO2013/167828)
- [30] FR (1254291) 2012-05-10

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[13] A1
- [51] **Int.Cl. C09K 8/64 (2006.01) E21B 43/26 (2006.01) E21B 43/267 (2006.01)**
- [25] EN
- [54] **FRACTURING FLUID FOR SECONDARY GAS PRODUCTION**
- [54] **FLUIDE DE FRACTURATION POUR UNE PRODUCTION DE GAZ SECONDAIRE**
- [72] KUIPERS, EDGAR, NL
- [71] KENDA CAPITAL B.V., NL
- [85] 2014-11-05
- [86] 2013-05-07 (PCT/NL2013/050343)
- [87] (WO2013/169103)
- [30] EP (12167148.1) 2012-05-08
- [30] US (61/643,954) 2012-05-08

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[13] A1
- [51] **Int.Cl. H01F 38/18 (2006.01)**
- [25] FR
- [54] **THREE-PHASE/TWO-PHASE ROTARY TRANSFORMER**
- [54] **TRANSFORMATEUR TOURNANT TRIPHASE-DIPHASE**
- [72] DUVAL, CEDRIC, FR
- [71] LABINAL POWER SYSTEMS, FR
- [85] 2014-11-05
- [86] 2013-05-03 (PCT/FR2013/050986)
- [87] (WO2013/167829)
- [30] FR (1254294) 2012-05-10

- [21] **2,872,721**
[13] A1
- [51] **Int.Cl. B01D 61/02 (2006.01) B01D 69/14 (2006.01) B01D 71/70 (2006.01) C11B 9/02 (2006.01)**
- [25] EN
- [54] **MEMBRANE-BASED PROCESSES FOR SELECTIVELY FRACTIONATING ESSENTIAL OILS**
- [54] **PROCEDES A BASE DE MEMBRANE POUR LE FRACTIONNEMENT SELECTIF D'HUILES ESSENTIELLES**
- [72] BOAM, ANDREW, GB
- [72] MENICONI, ANDREA, IT
- [72] WU, XIAOPING, DE
- [71] EVONIK MEMBRANE EXTRACTION TECHNOLOGY LTD., GB
- [85] 2014-11-05
- [86] 2013-03-20 (PCT/EP2013/055833)
- [87] (WO2013/167307)
- [30] EP (12166953.5) 2012-05-07

- [21] **2,872,722**
[13] A1
- [51] **Int.Cl. G06T 7/00 (2006.01) G06K 9/46 (2006.01)**
- [25] EN
- [54] **METHOD AND APPARATUS FOR IMAGE SCORING AND ANALYSIS**
- [54] **PROCEDE ET APPAREIL DE COMPTAGE ET D'ANALYSE D'IMAGES**
- [72] JAIN, ROHIT, US
- [72] SCHMID, JOACHIM HELMUT, US
- [72] VERARDO, MARK, US
- [72] CARON, JEFFERY, US
- [71] DAKO DENMARK A/S, DK
- [85] 2014-11-05
- [86] 2013-05-10 (PCT/DK2013/050136)
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- [30] US (61/646,212) 2012-05-11

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[21] 2,872,723
[13] A1

[51] **Int.Cl. H01F 38/18 (2006.01) H01F 27/28 (2006.01) H01F 30/12 (2006.01)**

[25] FR

[54] **THREE-PHASE ROTARY TRANSFORMER HAVING A MAGNETIC SHELL AND INCLUDING THREE MAGNETIC CORES**

[54] **TRANSFORMATEUR TOURNANT TRIPHASE CUIRASSE MAGNETIQUEMENT A TROIS NOYAUX MAGNETIQUES**

[72] DUVAL, CEDRIC, FR

[71] HISPANO-SUIZA, FR

[85] 2014-11-05

[86] 2013-05-03 (PCT/FR2013/050987)

[87] (WO2013/167830)

[30] FR (1254298) 2012-05-10

[21] 2,872,724
[13] A1

[51] **Int.Cl. H02J 3/38 (2006.01) B64D 31/02 (2006.01) B64D 41/00 (2006.01) H02J 5/00 (2006.01)**

[25] FR

[54] **SYSTEM FOR CONTROL AND POWER SUPPLY OF TURBOMACHINES OF A HELICOPTER**

[54] **SYSTEME DE COMMANDE ET D'ALIMENTATION EN ENERGIE DES TURBOMACHINES D'UN HELICOPTERE**

[72] VIEILLARD, SEBASTIEN, FR

[71] LABINAL POWER SYSTEMS, FR

[85] 2014-11-05

[86] 2013-05-06 (PCT/FR2013/051007)

[87] (WO2013/167837)

[30] FR (1254333) 2012-05-11

[21] 2,872,725
[13] A1

[51] **Int.Cl. A01N 65/00 (2009.01) A01N 25/00 (2006.01) A01P 17/00 (2006.01)**

[25] EN

[54] **IMPROVED HONEYBEE REPELLENTS AND USES THEREOF**

[54] **REPULSIFS AMELIORES CONTRE LES ABEILLES DOMESTIQUES ET LEURS UTILISATIONS**

[72] WOODS, DANIEL, US

[72] DIMITRATOS, SPIROS, US

[72] JUSTICE, ROBIN, US

[71] INSCENT, INC., US

[85] 2014-11-05

[86] 2012-05-04 (PCT/US2012/036670)

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[30] US (61/482,995) 2011-05-05

[30] US (61/495,639) 2011-06-10

[21] 2,872,726
[13] A1

[51] **Int.Cl. C07D 403/14 (2006.01) C07D 249/04 (2006.01)**

[25] EN

[54] **METHOD FOR THE PREPARATION OF TRIAZOLE COMPOUNDS**

[54] **PROCEDE DE PRODUCTION DE COMPOSES TRIAZOLE**

[72] MILITZER, HANS-CHRISTIAN, DE

[72] EGGERT, JOHANNES, DE

[71] BAYER SCHERING AKTIENGESELLSCHAFT, DE

[85] 2014-11-05

[86] 2013-05-06 (PCT/EP2013/059418)

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[30] EP (12167152.3) 2012-05-08

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[13] A1

[51] **Int.Cl. H04L 1/20 (2006.01) H04L 1/00 (2006.01)**

[25] EN

[54] **APPARATUS, SYSTEMS AND METHODS FOR IMPULSE NOISE DETECTION AND MITIGATION**

[54] **APPAREIL, SYSTEMES ET PROCEDES DE DETECTION ET DE LIMITATION DE BRUIT IMPULSIONNEL**

[72] HWANG, CHAN-SOO, US

[72] DOGAN, MITHAT, US

[72] CIOFFI, JOHN, US

[72] FLOWERS, MARK, US

[72] BARKESHLI, SINA, US

[71] ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT, INC., US

[85] 2014-11-05

[86] 2012-05-07 (PCT/US2012/036843)

[87] (WO2013/169228)

[21] 2,872,728
[13] A1

[51] **Int.Cl. C22C 38/00 (2006.01)**

[25] EN

[54] **AUTOMOTIVE CHASSIS PART MADE FROM HIGH STRENGTH FORMABLE HOT ROLLED STEEL SHEET**

[54] **PIECE DE CHASSIS AUTOMOBILE EN TOLE D'ACIER LAMINE A CHAUD TRES RESISTANTE**

[72] RIJKENBERG, ROLF ARJAN, NL

[72] HANLON, DAVID NEAL, NL

[71] TATA STEEL IJMUIDEN B.V., NL

[85] 2014-11-05

[86] 2013-05-07 (PCT/EP2013/059455)

[87] (WO2013/167572)

[30] EP (12167140.8) 2012-05-08

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[21] 2,872,729

[13] A1

[51] Int.Cl. G01T 1/02 (2006.01) G01T 1/185 (2006.01) H01L 27/14 (2006.01)

[25] EN

[54] WIRELESS, MOTION AND POSITION-SENSING, INTEGRATING RADIATION SENSOR FOR OCCUPATIONAL AND ENVIRONMENTAL DOSIMETRY

[54] CAPTEUR DE RAYONNEMENT INTEGRATEUR, DE MOUVEMENT ET DE POSITION SANS FIL POUR LA DOSIMETRIE PROFESSIONNELLE ET ENVIRONNEMENTALE

[72] VALENTINO, DANIEL J., US

[72] THISTLETHWAITE, JAMES R., III, US

[72] YODER, R. CRAIG, US

[71] LANDAUER, INC., US

[85] 2014-11-27

[86] 2013-05-31 (PCT/IB2013/054517)

[87] (WO2013/179273)

[30] US (61/654,162) 2012-06-01

[30] US (13/906,553) 2013-05-31

[21] 2,872,730

[13] A1

[51] Int.Cl. B67D 1/00 (2006.01) B67D 1/07 (2006.01) B67D 1/16 (2006.01)

[25] EN

[54] ASSEMBLY FOR ENGAGING AND ACTIVATING A BARGUN DURING CLEANING OPERATION

[54] ENSEMBLE POUR METTRE EN PRISE ET POUR ACTIONNER UN PISTOLET A EAU GAZEUSE PENDANT UNE OPERATION DE NETTOYAGE

[72] BARON, RICK, US

[72] COX, JOSHUA, US

[72] GARBEE, STEVE, US

[72] ROBBINS, STEVE, US

[71] NESTEC S.A., CH

[85] 2014-11-05

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[87] (WO2013/169267)

[21] 2,872,731

[13] A1

[51] Int.Cl. G01N 33/49 (2006.01)

[25] EN

[54] MICROFLUIDIC DEVICES FOR MEASURING PLATELET COAGULATION, AND ASSOCIATED SYSTEMS AND METHODS

[54] DISPOSITIFS MICROFLUIDIQUES POUR MESURER LA COAGULATION DES PLAQUETTES, SYSTEMES ET PROCEDES ASSOCIES

[72] SNIADOCKI, NATHAN J., US

[72] TING, LUCAS H., US

[72] FEGHILI, SHIRIN, US

[72] BIELAWSKI, KEVIN S., US

[72] WHITE, NATHAN J., US

[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US

[85] 2014-11-05

[86] 2013-03-14 (PCT/US2013/031782)

[87] (WO2013/169379)

[30] US (61/645,191) 2012-05-10

[30] US (61/709,809) 2012-10-04

[30] US (13/663,339) 2012-10-29

[30] US (61/760,849) 2013-02-05

[21] 2,872,734

[13] A1

[51] Int.Cl. C07J 9/00 (2006.01) A61K 31/575 (2006.01) A61P 19/08 (2006.01)

[25] EN

[54] NOVEL OXYSTEROL ANALOGUE, OXY149, INDUCES OSTEOGENESIS AND HEDGEHOG SIGNALING AND INHIBITS ADIPOGENESIS

[54] NOUVEL ANALOGUE DE L'OXYSTEROL, L'OXY149, POUR L'OSTEO-INDUCTION, LA SIGNALISATION HEDGEHOG ET L'INHIBITION DE L'ADIPOGENESE

[72] PARHAMI, FARHAD, US

[72] JUNG, MICHAEL E., US

[72] STAPPENBECK, FRANK, US

[72] PIERCE, WILLIAM M., JR., US

[72] TAYLOR, K. GRANT, US

[72] MERTEN, KEVYN E., US

[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US

[71] UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC., US

[85] 2014-11-05

[86] 2013-03-15 (PCT/US2013/032650)

[87] (WO2013/169397)

[30] US (61/643,776) 2012-05-07

[21] 2,872,742

[13] A1

[51] Int.Cl. F04B 43/12 (2006.01) A61M 5/142 (2006.01) F04B 43/00 (2006.01)

[25] FR

[54] LINEAR PERISTALTIC PUMP

[54] POMPE PERISTALTIQUE LINEAIRE

[72] FERME, PHILIPPE, FR

[72] MARINE, JULIEN, FR

[72] VINCENT, ERIC, FR

[71] PHYSIDIA, FR

[85] 2014-11-05

[86] 2013-05-21 (PCT/FR2013/051100)

[87] (WO2013/175115)

[30] FR (1254691) 2012-05-23

[21] 2,872,746

[13] A1

[51] Int.Cl. H01R 12/59 (2011.01) H01R 12/57 (2011.01)

[25] FR

[54] ELECTRICAL CIRCUIT FOR THE INTERCONNECTION OF AN ELECTRICAL COMPONENT, SUCH AS A POWER COMPONENT

[54] CIRCUIT ELECTRIQUE POUR L'INTERCONNEXION D'UN COMPOSANT ELECTRIQUE, TEL QU'UN COMPOSANT DE PUISSANCE

[72] LHOMMEAU, TONY, FR

[72] SOREL, STEPHANE, FR

[71] HISPANO-SUIZA, FR

[85] 2014-11-05

[86] 2013-05-30 (PCT/FR2013/051223)

[87] (WO2013/178957)

[30] FR (1255117) 2012-06-01

[21] 2,872,748

[13] A1

[51] Int.Cl. C21D 9/00 (2006.01) C22C 38/18 (2006.01) C22C 38/22 (2006.01)

[25] EN

[54] LOW TEMPERATURE HARDENABLE STEELS WITH EXCELLENT MACHINABILITY

[54] ACIERS POUVANT ETRE TREMPES A BASSE TEMPERATURE ET PRESENTANT UNE EXCELLENTE USINABILITE

[72] VALLS, ISAAC, DE

[71] VALLS BESITZ GMBH, DE

[85] 2014-11-05

[86] 2013-05-07 (PCT/EP2013/059471)

[87] (WO2013/167580)

[30] EP (12166948.5) 2012-05-07

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[21] **2,872,749**
[13] A1

[51] **Int.Cl. A01J 5/08 (2006.01)**
[25] EN
[54] **A TEATCUP LINER**
[54] **MANCHON TRAYEUR**
[72] ALVEBY, NILS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2014-11-05
[86] 2013-05-06 (PCT/SE2013/050500)
[87] (WO2013/169186)
[30] SE (1250457-7) 2012-05-07
[30] US (13/465,527) 2012-05-07

[21] **2,872,750**
[13] A1

[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/72 (2006.01) A61F 2/36 (2006.01) A61F 2/38 (2006.01)**
[25] EN
[54] **REINFORCING IMPLANT FOR AN ELONGATED BONE, IN PARTICULAR FEMUR**
[54] **IMPLANT DE RENFORCEMENT POUR UN OS ALLONGE, NOTAMMENT LE FEMUR**
[72] LINK, HELMUT D., DE
[71] WALDERMAR LINK GMBH & CO. KG, DE
[85] 2014-11-05
[86] 2013-05-08 (PCT/EP2013/059589)
[87] (WO2013/167655)
[30] EP (12167795.9) 2012-05-11

[21] **2,872,751**
[13] A1

[51] **Int.Cl. C07J 9/00 (2006.01) A61K 31/575 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **OXYSTEROL ANALOGUE OXY133 INDUCES OSTEOGENESIS AND HEDGEHOG SIGNALING AND INHIBITS ADIPOGENESIS**
[54] **OXY133, UN ANALOGUE DE L'OXYSTEROL, INDUISANT L'OSTEO-GENESE ET LA SIGNALISATION HEDGEHOG ET INHIBANT L'ADIPOGENESE**
[72] PARIHAMI, FARHAD, US
[72] JUNG, MICHAEL E., US
[72] STAPPENBECK, FRANK, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2014-11-05
[86] 2013-03-15 (PCT/US2013/032693)
[87] (WO2013/169399)
[30] US (61/643,746) 2012-05-07

[21] **2,872,752**
[13] A1

[51] **Int.Cl. A41D 1/06 (2006.01)**
[25] EN
[54] **PANTS, IN PARTICULAR FOR SHAPING THE FEMALE BUTTOCKS AND HIPS**
[54] **PANTALON, PERMETTANT EN PARTICULARIER DE SCULPTER LES FESSES ET HANCHES FEMININES**
[72] FREDDI, CARLO, IT
[72] FREDDI, MARGHERITA, IT
[71] FREDDY S.P.A., IT
[85] 2014-11-05
[86] 2013-05-08 (PCT/EP2013/059648)
[87] (WO2013/174657)
[30] IT (MI2012A000904) 2012-05-24

[21] **2,872,753**
[13] A1

[51] **Int.Cl. H02B 1/056 (2006.01)**
[25] EN
[54] **LOAD BUSS ASSEMBLY AND METHOD OF MANUFACTURING THE SAME**
[54] **ENSEMBLE DE BARRES COLLECTRICES DE CHARGE ET PROCEDE DE FABRICATION ASSOCIE**
[72] MILLS, PATRICK W., US
[72] BENSIOFF, RICHARD G., US
[72] MCCORMICK, JAMES M., US
[71] LABINAL, LLC, US
[85] 2014-11-05
[86] 2013-03-19 (PCT/US2013/032927)
[87] (WO2014/011243)
[30] US (61/670,741) 2012-07-12

[21] **2,872,755**
[13] A1

[51] **Int.Cl. C12N 9/50 (2006.01) A23B 4/22 (2006.01) A61K 38/16 (2006.01) A61K 38/51 (2006.01) A61K 38/52 (2006.01) A61K 38/54 (2006.01) C12N 9/80 (2006.01)**
[25] EN
[54] **POLYPEPTIDE MIXES WITH ANTIBACTERIAL ACTIVITY**
[54] **MELANGES POLYPEPTIDIQUES AYANT UNE ACTIVITE ANTIBACTERIENNE**
[72] LOESSNER, MARTIN JOHANNES, CH
[72] EICHENSEIER, FRITZ, CH
[71] MICREOS HUMAN HEALTH B.V., NL
[85] 2014-11-05
[86] 2013-05-07 (PCT/NL2013/050344)
[87] (WO2013/169104)
[30] EP (12166977.4) 2012-05-07
[30] US (61/643,417) 2012-05-07

[21] **2,872,757**
[13] A1

[51] **Int.Cl. D06F 75/06 (2006.01) D06F 75/12 (2006.01)**
[25] EN
[54] **IRONING SYSTEM WITH IRON AND SUPPLEMENTARY WATER**
[54] **SYSTEME DE REPASSAGE AVEC FER ET EAU DE COMPLEMENT**
[72] ROSA, CARLO, IT
[72] PICCHI, MICHELE, IT
[71] DE' LONGHI APPLIANCES S.R.L. DIVISIONE COMMERCIALE ARIETE, IT
[85] 2014-11-05
[86] 2013-05-08 (PCT/EP2013/059655)
[87] (WO2013/167692)
[30] IT (GE2012A000050) 2012-05-10

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[13] A1
[51] Int.Cl. D06F 75/32 (2006.01) D06F 75/02 (2006.01) D06F 75/06 (2006.01) D06F 75/12 (2006.01)
[25] EN
[54] IRONING SYSTEM WITH SEPARABLE IRON AND MACHINE BODY
[54] SYSTÈME DE REPASSAGE AVEC FER ET CORPS DE MACHINE SEPARABLES
[72] ROSA, CARLO, IT
[72] PICCHI, MICHELE, IT
[72] BERRETTI, SIMONE, IT
[71] DE' LONGHI APPLIANCES S.R.L. DIVISIONE COMMERCIALE ARIETE, IT
[85] 2014-11-05
[86] 2013-05-08 (PCT/EP2013/059668)
[87] (WO2013/167700)
[30] IT (GE2012A000049) 2012-05-10
[30] IT (GE2012A000115) 2012-12-04

[21] 2,872,759
[13] A1
[51] Int.Cl. B65D 23/08 (2006.01) B65D 41/62 (2006.01) B65D 55/08 (2006.01)
[25] EN
[54] CLOSURE ELEMENT FOR A RECEPTACLE
[54] ELEMENT DE FERMETURE POUR RECIPIENT
[72] BAUSS, MARKUS, DE
[71] SCHREINER GROUP GMBH & CO. KG, DE
[85] 2014-11-05
[86] 2013-05-08 (PCT/EP2013/059669)
[87] (WO2013/167701)
[30] DE (10 2012 104 062.1) 2012-05-09
[30] DE (10 2012 112 297.0) 2012-12-14

[21] 2,872,761
[13] A1
[51] Int.Cl. B65D 81/34 (2006.01)
[25] EN
[54] FOOD PACKAGING
[54] EMBALLAGE ALIMENTAIRE
[72] HUFFMAN, SAMUEL LAMAR, US
[72] HEINZE, ERICH, US
[71] NESTEC S.A., CH
[85] 2014-11-05
[86] 2013-05-13 (PCT/EP2013/059786)
[87] (WO2013/174669)
[30] US (61/649,537) 2012-05-21

[21] 2,872,762
[13] A1
[51] Int.Cl. G06Q 30/06 (2012.01) G06Q 30/02 (2012.01)
[25] EN
[54] METHOD FOR ASSISTING IN LOCATING A DESIRED ITEM IN A STORAGE LOCATION
[54] PROCÉDE POUR AIDER A LA LOCALISATION D'UNE REFERENCE RECHERCHEE DANS UN LIEU DE STOCKAGE
[72] CARNEY, JOSHUA, SE
[72] CARLEN, HENRIK, SE
[72] HERMANSSON, KENT, SE
[71] SCA HYGIENE PRODUCTS AB, SE
[85] 2014-11-05
[86] 2012-05-10 (PCT/SE2012/050495)
[87] (WO2013/169155)

[21] 2,872,763
[13] A1
[51] Int.Cl. H05K 7/20 (2006.01)
[25] EN
[54] THERMAL MANAGEMENT OF A COMMUNICATION TRANSCEIVER IN AN ELECTRICAL COMMUNICATION DEVICE
[54] GESTION THERMIQUE D'UN EMETTEUR-RECEPTEUR DE TELECOMMUNICATION DANS UN DISPOSITIF DE TELECOMMUNICATION ELECTRIQUE
[72] ACHANTA, SHANKAR V., US
[72] GAMMEL, DENNIS, US
[72] THOMAS, MARK A., US
[71] SCHWEITZER ENGINEERING LABORATORIES, INC., US
[85] 2014-11-28
[86] 2013-05-28 (PCT/US2013/042935)
[87] (WO2013/181168)
[30] US (61/652,986) 2012-05-30

[21] 2,872,764
[13] A1
[51] Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01)
[25] EN
[54] ELECTRONIC VAPOUR PROVISION DEVICE
[54] DISPOSITIF DE FOURNITURE DE VAPEUR ELECTRONIQUE
[72] LORD, CHRISTOPHER, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2014-11-05
[86] 2013-05-14 (PCT/EP2013/059954)
[87] (WO2013/171221)
[30] GB (1208352.3) 2012-05-14

[21] 2,872,765
[13] A1
[51] Int.Cl. A61K 9/48 (2006.01) A61K 31/4709 (2006.01) A61P 31/14 (2006.01)
[25] EN
[54] SOLUBILIZED CAPSULE FORMULATION OF 1,1-DIMETHYLETHYL [(1S)-1-[(2S,4R)-4-(7-CHLORO-4-METHOXYISOQUINOLIN-1-YLOXY)-2-[(1R,2S)-1-[(CYCLOPROPYLSULFONYL)CARBAMOYL]-2-ETHENYLCYCLOPROPYL]CARBAMOYL]PYRROLIDIN-1-YL]CARBONYL]-2,2-DIMETHYLPROPYL]CARBAMATE
[54] FORMULATION DE CAPSULE SOLUBILISEE DE 1,1-DIMETHYLETHYL [(1S)-1-[(2S,4R)-4-(7-CHLORO-4-METHOXYISOQUINOLIN-1-YLOXY)-2-[(1R,2S)-1-[(CYCLOPROPYLSULFONYL)CARBAMOYL]-2-ETHENYLCYCLOPROPYL]CARBAMOYL]PYRROLIDIN-1-YL]CARBONYL]-2,2-DIMETHYLPROPYL]CARBAMATE
[72] PERRONE, ROBERT KEVIN, US
[71] BRISTOL-MYERS SQUIBB HOLDINGS IRELAND, CH
[85] 2014-11-05
[86] 2013-04-30 (PCT/US2013/038770)
[87] (WO2013/169520)
[30] US (61/643,454) 2012-05-07

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[21] **2,872,766**
[13] A1

[51] **Int.Cl. A61M 5/00 (2006.01)**
[25] EN
[54] **COLLAPSE-RESISTANT SWELLABLE CATHETER**
[54] **CATHETER GONFLABLE RESISTANT A L'AFFAISSEMENT**
[72] SEARLE, GARY, US
[72] HWANG, CHARLES, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2014-11-05
[86] 2013-04-30 (PCT/US2013/038890)
[87] (WO2013/176850)
[30] US (13/479,114) 2012-05-23

[21] **2,872,767**
[13] A1

[51] **Int.Cl. B65G 45/14 (2006.01) B65G 45/16 (2006.01)**
[25] EN
[54] **FLIP-ABLE V-PLOW BELT CLEANER**
[54] **NETTOYEUR DE COURROIE PAR RACLOIR TRAPEZOIDAL APTÉ A BASCULER**
[72] FRIES, JAMES EDWARD, US
[72] GIBBS, AARON T., US
[71] ASGCO MANUFACTURING, INC., US
[85] 2014-11-05
[86] 2013-05-07 (PCT/US2013/039836)
[87] (WO2013/169703)
[30] US (61/644,115) 2012-05-08

[21] **2,872,768**
[13] A1

[51] **Int.Cl. F16K 3/14 (2006.01)**
[25] EN
[54] **GATE VALVE**
[54] **VANNE D'ARRET**
[72] KUBOTH, HARTMUT, DE
[72] KLIMPKE, REINHARD, DE
[71] KSB AKTIENGESSELLSCHAFT, DE
[85] 2014-11-05
[86] 2013-05-23 (PCT/EP2013/060569)
[87] (WO2013/178519)
[30] DE (10 2012 209 031.2) 2012-05-30

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[51] **Int.Cl. A61J 1/05 (2006.01) A61M 5/178 (2006.01) A61M 5/315 (2006.01) B65B 3/00 (2006.01) B65B 55/02 (2006.01)**
[25] EN
[54] **PREFILLED CONTAINER SYSTEMS**
[54] **SYSTEMES DE CONTENEUR PREREMPLI**
[72] KUEHNE, KELLEY, US
[72] BAUER, JOHN T., US
[72] CARPENTER, CURT, US
[72] LEGINSKI, JESSICA, US
[71] CENTURION MEDICAL PRODUCTS CORPORATION, US
[85] 2014-11-05
[86] 2013-05-07 (PCT/US2013/039884)
[87] (WO2013/184270)
[30] US (61/643,603) 2012-05-07
[30] US (13/804,557) 2013-03-14

[21] **2,872,771**
[13] A1

[51] **Int.Cl. B01D 19/00 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF INHIBITING FOAM FORMATION USING MULTIPHASE TURBINES**
[54] **SYSTEMES ET PROCEDES POUR INHIBER LA FORMATION DE MOUSSE A L'AIDE DE TURBINES MULTIPHASES**
[72] SHEU, FENG-RAN, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-11-05
[86] 2013-05-08 (PCT/US2013/040105)
[87] (WO2013/169880)
[30] US (61/644,181) 2012-05-08

[21] **2,872,773**
[13] A1

[51] **Int.Cl. A61F 2/36 (2006.01) A61F 2/34 (2006.01)**
[25] EN
[54] **OPTIMAL CONTACT MECHANICS FOR A THA**
[54] **MECANIQUE DE CONTACT OPTIMAL POUR UN THA**
[72] KOMISTEK, RICHARD D., US
[71] DEPUY (IRELAND), IE
[85] 2014-11-05
[86] 2013-05-08 (PCT/US2013/040107)
[87] (WO2013/169881)
[30] US (13/466,944) 2012-05-08

[21] **2,872,774**
[13] A1

[51] **Int.Cl. D21H 27/00 (2006.01) D21H 15/06 (2006.01) D21H 27/30 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES AND METHODS FOR MAKING SAME**
[54] **STRUCTURES FIBREUSES ET LEURS PROCEDES DE FABRICATION**
[72] BARNHOLTZ, STEVEN LEE, US
[72] SUER, MICHAEL DONALD, US
[72] YOUNG, CHRISTOPHER MICHAEL, US
[72] TROKHAN, PAUL DENNIS, US
[72] SCHMIDT, MATTIAS, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-11-05
[86] 2013-05-08 (PCT/US2013/040111)
[87] (WO2013/169885)
[30] US (61/644,091) 2012-05-08

[21] **2,872,777**
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[51] **Int.Cl. C07K 16/18 (2006.01) A61K 39/395 (2006.01) A61P 3/00 (2006.01) C07K 16/42 (2006.01)**
[25] EN
[54] **ANTI-PCSK9 ANTIBODIES AND USE THEREOF**
[54] **ANTICORPS ANTI-PCSK9 ET LEUR UTILISATION**
[72] FELDHAUS, ANDREW LAWRENCE, US
[72] GARCIA-MARTINEZ, LEON F., US
[72] DUTZAR, BENJAMIN H., US
[72] OJALA, ETHAN WAYNE, US
[72] KOVACEVICH, BRIAN ROBERT, US
[72] OLSON, KATIE, US
[72] FAN, PEI, US
[72] BILLGREN, JENS, US
[72] STEWART, ERICA ANN, US
[72] AKATSUKA, CORINNE C., US
[72] MCNEILL, PATRICIA DIANNE, US
[72] MITCHELL, DANIELLE MARIE, US
[72] ALLISON, DAN SCOTT, US
[72] LATHAM, JOHN A., US
[71] ALDERBIO HOLDINGS LLC, US
[85] 2014-11-05
[86] 2013-05-08 (PCT/US2013/040112)
[87] (WO2013/169886)
[30] US (61/644,065) 2012-05-08
[30] US (61/654,481) 2012-06-01
[30] US (13/795,674) 2013-03-12

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[51] **Int.Cl. A61K 47/28 (2006.01) A61K 9/14 (2006.01) A61K 9/52 (2006.01) A61K 31/568 (2006.01) A61K 47/24 (2006.01)**
[25] EN
[54] **PROLIPOSOMAL TESTOSTERONE FORMULATIONS**
[54] **FORMULATIONS DE TESTOSTERONE PROLIPOSOMALES**
[72] BETAGERI, GURU V., US
[72] THIRUCOTE, RAMACHANDRAN, US
[72] KADAJJI, VEERAN GOWDA, US
[71] WESTERN UNIVERSITY OF HEALTH SCIENCES, US
[71] TESORX PHARMA, LLC, US
[85] 2014-11-05
[86] 2013-05-09 (PCT/US2013/040325)
[87] (WO2013/170012)
[30] US (61/644,996) 2012-05-09

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[13] A1
[51] **Int.Cl. G01N 21/39 (2006.01)**
[25] EN
[54] **EXTRACTIVE CONTINUOUS AMMONIA MONITORING SYSTEM**
[54] **SYSTEME DE CONTROLE D'AMMONIAC EN CONTINU PAR EXTRACTION**
[72] CARMIGNANI, PAUL G., US
[72] BOYLE, JOHN M., US
[72] MAYHEW, SCOTT M., US
[71] FUEL TECH, INC., US
[85] 2014-11-05
[86] 2013-05-09 (PCT/US2013/040361)
[87] (WO2013/170039)
[30] US (61/645,330) 2012-05-10

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[13] A1
[51] **Int.Cl. D21F 1/00 (2006.01) D21F 3/02 (2006.01) D21F 7/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL FABRIC INCLUDING SPIRALLY WOUND MATERIAL STRIPS WITH REINFORCEMENT**
[54] **TISSU INDUSTRIEL COMPORTANT DES BANDES DE MATERIAU ENROULEES EN SPIRALE AVEC RENFORT**
[72] EAGLES, DANA, US
[72] HANSEN, ROBERT, US
[72] KARLSSON, JONAS, SE
[71] ALBANY INTERNATIONAL CORP., US
[85] 2014-11-05
[86] 2013-05-09 (PCT/US2013/040364)
[87] (WO2013/170042)
[30] US (13/469,966) 2012-05-11

[21] **2,872,785**
[13] A1
[51] **Int.Cl. A61B 5/08 (2006.01)**
[25] EN
[54] **SOUND-BASED SPIROMETRIC DEVICES, SYSTEMS, AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES SPIROMETRIQUES BASES SUR UN SON**
[72] PATEL, SHWETAK N., US
[72] GOEL, MAYANK, US
[72] LARSON, ERIC C., US
[71] UNIVERSITY OF WASHINGTON THROUGH ITS CENTER FOR COMMERCIALIZATION, US
[85] 2014-11-05
[86] 2013-05-10 (PCT/US2013/040518)
[87] (WO2013/170131)
[30] US (61/645,176) 2012-05-10

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[13] A1
[51] **Int.Cl. G06F 21/50 (2013.01) G06F 9/22 (2006.01) G06F 15/16 (2006.01)**
[25] EN
[54] **KERNEL-LEVEL SECURITY AGENT**
[54] **AGENT DE SECURITE AU NIVEAU DU NOYAU**
[72] DIEHL, DAVID F., US
[72] ALPEROVITCH, DMITRI, US
[72] IONESCU, ION-ALEXANDRU, US
[72] KURTZ, GEORGE ROBERT, US
[71] CROWDSTRIKE, INC., US
[85] 2014-11-05
[86] 2013-05-09 (PCT/US2013/040420)
[87] (WO2013/184281)
[30] US (13/492,672) 2012-06-08

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[13] A1
[51] **Int.Cl. H01M 4/86 (2006.01) C02F 3/00 (2006.01) H01M 8/16 (2006.01) C12M 1/00 (2006.01) H01M 8/24 (2006.01)**
[25] EN
[54] **MICROBIAL FUEL CELL**
[54] **PILE A COMBUSTIBLE MICROBIENNE**
[72] BRETSCHGER, ORIANNA, US
[72] WANGER, GREG, US
[71] SYNTHETIC GENOMICS, INC., US
[85] 2014-11-05
[86] 2013-05-10 (PCT/US2013/040655)
[87] (WO2013/170217)
[30] US (61/645,491) 2012-05-10

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[13] A1
[51] **Int.Cl. A61M 39/26 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **BLOOD CONTROL IV CATHETER WITH ANTIMICROBIAL PROPERTIES**
[54] **CATHETER IV DE CONTROLE DU SANG AYANT DES PROPRIETES ANTIMICROBIENNES**
[72] BURKHOLZ, JONATHAN KARL, US
[72] ISAACSON, S. RAY, US
[72] STOUT, MARTY L., US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2013-05-14 (PCT/US2013/040918)
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[51] **Int.Cl. A61K 39/12 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **EFFECTIVE VACCINATION AGAINST PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME (PRRS) VIRUS PRIOR TO WEANING**
[54] **VACCINATION EFFICACE CONTRE LE VIRUS DU SYNDROME REPRODUCTEUR ET RESPIRATOIRE PORCIN (SRRP) AVANT LE SEVRAGE**
[72] CALVERT, JAY GREGORY, US
[72] ANKENBAUER, ROBERT G., US
[72] MARX, JACQUELINE GAYLE, US
[72] PEARCE, DOUGLAS S., US
[72] KEITH, MARCIA L., US
[71] ZOETIS LLC, US
[85] 2014-11-05
[86] 2013-05-15 (PCT/US2013/041118)
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[30] US (61/648,461) 2012-05-17

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[13] A1

[51] **Int.Cl. G10L 15/26 (2006.01)**
[25] EN
[54] **DEVICE FOR EXTRACTING INFORMATION FROM A DIALOG**
[54] **DISPOSITIF PERMETTANT D'EXTRAIRE DES INFORMATIONS D'UN DIALOGUE**
[72] WAIBEL, ALEXANDER, US
[71] FACEBOOK, INC., US
[85] 2014-09-03
[86] 2013-03-04 (PCT/US2013/028831)
[87] (WO2013/134106)
[30] US (61/608,334) 2012-03-08
[30] US (13/760,535) 2013-02-06

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[13] A1

[51] **Int.Cl. B23K 7/00 (2006.01)**
[25] EN
[54] **UNIVERSAL HEAD-MIX SWIRL INJECTOR FOR GAS TORCH**
[54] **INJECTEUR TOURBILLONNAIRE UNIVERSEL DE MELANGE POUR TETE DE TORCHE A GAZ**
[72] PERISETTY, SHIVA, US
[72] STAUFFER, GREGORY, US
[71] THE ESAB GROUP, INC., US
[85] 2014-11-05
[86] 2013-05-14 (PCT/US2013/040934)
[87] (WO2013/173327)
[30] US (61/646,450) 2012-05-14

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[13] A1

[51] **Int.Cl. C10G 29/10 (2006.01) C10L 1/00 (2006.01)**
[25] EN
[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING MERCURY FROM FLUIDS**
[54] **METHODE, PROCEDE, ET SYSTEME POUR ELIMINER LE MERCURE DE FLUIDES**
[72] COOPER, RUSSELL EVAN, US
[72] O'REAR, DENNIS JOHN, US
[72] GALLUP, DARRELL LYNN, US
[72] YOUNG, LYMAN ARNOLD, US
[72] YEAN, SUJIN, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-11-05
[86] 2013-05-16 (PCT/US2013/041345)
[87] (WO2013/173579)
[30] US (61/648,061) 2012-05-16

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[13] A1

[51] **Int.Cl. C10G 29/10 (2006.01) C10L 1/00 (2006.01)**
[25] EN
[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING MERCURY FROM FLUIDS**
[54] **TRAITEMENT, PROCEDE ET SYSTEME POUR ELIMINER LE MERCURE DE FLUIDES**
[72] O'REAR, DENNIS JOHN, US
[72] COOPER, RUSSELL EVAN, US
[72] YEAN, SUJIN, US
[72] GALLUP, DARRELL LYNN, US
[72] YOUNG, LYMAN ARNOLD, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-11-05
[86] 2013-05-16 (PCT/US2013/041357)
[87] (WO2013/173586)
[30] US (61/647,919) 2012-05-16

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[13] A1

[51] **Int.Cl. E21B 37/08 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SECONDARY SEALING OF A PERFORATION WITHIN A WELLBORE CASING**
[54] **SYSTEMES ET PROCEDES D'ETANCHEITE SECONDAIRE D'UNE PERFORATION DANS UN TUBAGE DE Puits DE FORAGE**
[72] TOLMAN, RANDY C., US
[72] ANGELES BOZA, RENZO M., US
[72] NYGAARD, KRIS J., US
[72] MAYER, CHRISTIAN S., US
[72] ENTCHEV, PAVLIN B., RU
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-11-06
[86] 2013-04-15 (PCT/US2013/036624)
[87] (WO2013/184238)
[30] US (61/656,337) 2012-06-06

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[13] A1
[51] **Int.Cl. C10G 29/06 (2006.01) C10G 29/20 (2006.01)**
[25] EN
[54] **PROCESS, METHOD, AND SYSTEM FOR REMOVING HEAVY METALS FROM FLUIDS**
[54] **PROCEDE, METHODE, ET SYSTEME POUR ELIMINER LES METAUX LOURDS CONTENUS DANS DES FLUIDES**
[72] O'REAR, DENNIS JOHN, US
[72] COOPER, RUSSELL EVAN, US
[72] YEAN, SUJIN, US
[72] ROBY, STEPHEN HAROLD, US
[72] MOGADDEDI, HOSNA, US
[72] QUINTANA, MANUEL EDUARDO, US
[72] ROVNER, JERRY MAX, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-11-05
[86] 2013-05-16 (PCT/US2013/041371)
[87] (WO2013/173593)
[30] US (61/647,703) 2012-05-16

[21] **2,872,797**
[13] A1
[51] **Int.Cl. H04N 5/272 (2006.01) G06T 7/00 (2006.01)**
[25] EN
[54] **A SYSTEM FOR MIXING OR COMPOSITING IN REAL-TIME, COMPUTER GENERATED 3D OBJECTS AND A VIDEO FEED FROM A FILM CAMERA**
[54] **SYSTEME DE MELANGE OU DE COMPOSITION EN TEMPS REEL, OBJETS TRIDIMENSIONNELS (3D) GENERES PAR ORDINATEUR ET SOURCE VIDEO PROVENANT D'UNE CAMERA CINEMATOGRAPHIQUE**
[72] BOIVIN, SAMUEL, FR
[72] MICHOU, BRICE, FR
[71] NCAM TECHNOLOGIES LIMITED, GB
[85] 2014-11-06
[86] 2013-05-09 (PCT/GB2013/051205)
[87] (WO2013/167901)
[30] GB (1208088.3) 2012-05-09

[21] **2,872,799**
[13] A1
[51] **Int.Cl. A61F 2/42 (2006.01) A61B 17/15 (2006.01)**
[25] EN
[54] **POROUS SPACERS, INSTRUMENTS, AND METHODS FOR FOOT AND ANKLE FUSION**
[54] **ECARTEURS POREUX, INSTRUMENTS ET PROCEDES DE FUSION DU PIED ET DE LA CHEVILLE**
[72] MARKHAM, JOSEPH, US
[72] VALDERRABANO, VICTOR, CH
[72] CLARIDGE, RICHARD, US
[72] KIRCHNER, JOHN SHIRK, US
[72] DHARIA, MEHUL, US
[72] ZUBOK, RAY, US
[72] NEAL, DAVID J., US
[72] STEBBINS, GREG, US
[71] ZIMMER, INC., US
[85] 2014-11-06
[86] 2013-04-23 (PCT/US2013/037758)
[87] (WO2013/169475)
[30] US (61/644,214) 2012-05-08

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[13] A1
[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **CAPSULE**
[54] **CAPSULE**
[72] ZANETTI, FABRIZIO, IT
[71] HAUSBRANDT TRIESTE 1892 SPA, IT
[85] 2014-11-06
[86] 2012-09-21 (PCT/IT2012/055029)
[87] (WO2013/167940)
[30] IT (TV2012A000082) 2012-05-10

[21] **2,872,802**
[13] A1
[51] **Int.Cl. H04W 8/18 (2009.01) H04W 4/02 (2009.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **HARVEST CUSTOMER TRACKING INFORMATION**
[54] **COLLECTE D'INFORMATIONS DE SUIVI DE CLIENT**
[72] HAMACHI, GORIXON TARO, US
[71] EBAY INC., US
[85] 2014-11-06
[86] 2013-04-24 (PCT/US2013/038027)
[87] (WO2013/169486)
[30] US (13/468,825) 2012-05-10

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[13] A1
[51] **Int.Cl. C12N 7/04 (2006.01) A61K 39/15 (2006.01) A61P 31/14 (2006.01) A61P 37/04 (2006.01) C07K 14/14 (2006.01) C12N 7/01 (2006.01) C12N 15/46 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **ROTAVIRUS-LIKE PARTICLE PRODUCTION IN PLANTS**
[54] **PRODUCTION DE PARTICULES DE TYPE ROTAVIRUS CHEZ LES PLANTES**
[72] D'AOUST, MARC-ANDRE, CA
[72] LANDRY, NATHALIE, CA
[72] LAVOIE, PIERRE-OLIVIER, CA
[72] ARAI, MASAAKI, JP
[72] ASAHARA, NAOMI, JP
[72] MUTEPIFA, DAVID LEVI RUTENIDO, GB
[72] HITZEROTH, INGA ISABEL, ZA
[72] RYBICKI, EDWARD PETER, ZA
[71] MEDICAGO INC., CA
[71] MITSUBISHI TANABE PHARMA CORPORATION, JP
[85] 2014-11-06
[86] 2013-05-10 (PCT/CA2013/050364)
[87] (WO2013/166609)
[30] US (61/646,058) 2012-05-11

[21] **2,872,804**
[13] A1
[51] **Int.Cl. C10G 29/10 (2006.01) C10G 31/09 (2006.01)**
[25] EN
[54] **PIPELINE REACTION FOR REMOVING HEAVY METALS FROM PRODUCED FLUIDS**
[54] **REACTION EN CANALISATION POUR L'ELIMINATION DE METAUX LOURDS A PARTIR DE FLUIDES PRODUITS**
[72] GALLUP, DARRELL LYNN, US
[72] YEAN, SUJIN, US
[72] YOUNG, LYMAN ARNOLD, US
[72] O'REAR, DENNIS JOHN, US
[72] COOPER, RUSSELL EVAN, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-11-05
[86] 2013-05-16 (PCT/US2013/041386)
[87] (WO2013/173602)
[30] US (61/647,674) 2012-05-16

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[21] **2,872,806**
[13] A1

[51] **Int.Cl. A47C 19/02 (2006.01)**
[25] EN
[54] **FRAME LATCHING ASSEMBLIES**
[54] **ENSEMBLES DE VERROUILLAGE DE CADRE**
[72] BLY, ROBERT R., US
[72] WYSOCKI, KEVIN S., US
[71] INVACARE CORPORATION, US
[85] 2014-11-06
[86] 2013-04-30 (PCT/US2013/038735)
[87] (WO2013/169518)
[30] US (61/643,421) 2012-05-07
[30] US (13/826,799) 2013-03-14

[21] **2,872,807**
[13] A1

[51] **Int.Cl. C01B 3/32 (2006.01) C01B 3/38 (2006.01) C10G 11/10 (2006.01) H01M 8/06 (2006.01)**
[25] EN
[54] **FUEL PROCESSOR WITH A FLOATING CATALYST**
[54] **PROCESSEUR DE COMBUSTIBLE DOTE D'UN CATALYSEUR FLOTTANT**
[72] VANDERWEES, DOUG, CA
[71] DANA CANADA CORPORATION, CA
[85] 2014-11-06
[86] 2013-05-29 (PCT/CA2013/050412)
[87] (WO2013/177707)
[30] US (13/484,626) 2012-05-31

[21] **2,872,808**
[13] A1

[51] **Int.Cl. C10G 29/10 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **IN-SITU METHOD AND SYSTEM FOR REMOVING HEAVY METALS FROM PRODUCED FLUIDS**
[54] **PROCEDE IN SITU ET SYSTEME PERMETTANT D'ELIMINER LES METAUX LOURDS DE FLUIDES PRODUITS**
[72] YEAN, SUJIN, US
[72] GALLUP, DARRELL LYNN, US
[72] YOUNG, LYMAN ARNOLD, US
[72] COOPER, RUSSELL EVAN, US
[72] ZIELINSKI, MATTHEW BERNARD, US
[72] EMANUELE, MARK ANTHONY, US
[72] LLEWELLYN, BRIAN CHRISTOPHER, US
[72] O'REAR, DENNIS JOHN, US
[71] CHEVRON U.S.A. INC., US
[85] 2014-11-05
[86] 2013-05-16 (PCT/US2013/041433)
[87] (WO2013/173634)
[30] US (61/647,999) 2012-05-16
[30] US (61/647,983) 2012-05-16

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[13] A1

[51] **Int.Cl. F24C 7/08 (2006.01) H05B 6/64 (2006.01) H05B 6/68 (2006.01)**
[25] EN
[54] **OPTICAL QUALITY CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE DE QUALITE OPTIQUE**
[72] RIEFENSTEIN, LUTZ, DE
[71] CONVOTHERM ELEKTROGERATE GMBH, DE
[85] 2014-11-06
[86] 2013-05-06 (PCT/IB2013/000860)
[87] (WO2013/167948)
[30] US (61/644,805) 2012-05-09
[30] US (61/644,820) 2012-05-09

[21] **2,872,811**
[13] A1

[51] **Int.Cl. A43B 23/28 (2006.01) A43B 7/14 (2006.01) A43B 13/24 (2006.01) A43B 13/40 (2006.01)**
[25] EN
[54] **HIGH HEEL SHOE INSERTS**
[54] **INSERTS DE CHAUSSURE A TALON HAUT**
[72] GEORGESON, VIRVE TUULIKKI, CA
[71] GEORGESON, VIRVE TUULIKKI, CA
[85] 2014-11-06
[86] 2014-04-03 (PCT/CA2014/000310)
[87] (WO2014/165964)
[30] CA (2,812,560) 2013-04-08

[21] **2,872,812**
[13] A1

[51] **Int.Cl. A01G 25/00 (2006.01)**
[25] EN
[54] **CONTINUOUSLY CALIBRATING CHEMIGATION INJECTION UNIT**
[54] **UNITE D'INJECTION A ETALONNAGE CONTINU POUR IRRIGATION CHIMIQUE**
[72] KIDDER, DANIEL WARDEN, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[85] 2014-11-05
[86] 2013-05-17 (PCT/US2013/041533)
[87] (WO2013/176975)
[30] US (61/651,074) 2012-05-24

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[21] **2,872,813**
[13] A1

[51] **Int.Cl. C07K 11/02 (2006.01) A61K 38/15 (2006.01) A61P 35/00 (2006.01)**

[25] EN

[54] **HEXADEPSIPEPTIDE ANALOGUES AS ANTICANCER COMPOUNDS**

[54] **ANALOGUES D'HEXADEPSIPEPTIDE EN TANT QUE COMPOSES ANTICANCEREUX**

[72] MISHRA, PRABHU DUTT, IN

[72] EYYAMMADICHIYIL, SREEKUMAR

[72] SANKARANARAYANAN, IN

[72] GEORGE, SAJI DAVID, IN

[72] SONAWANE, SHAILENDRA, IN

[72] CHAKOR, NARAYAN SUBHASH, IN

[72] ROYCHOWDHURY, ABHIJIT, IN

[72] SHARMA, RAJIV, IN

[71] PIRAMAL ENTERPRISES LIMITED, IN

[85] 2014-11-06

[86] 2013-05-06 (PCT/IB2013/053613)

[87] (WO2013/168075)

[30] US (61/643,814) 2012-05-07

[21] **2,872,815**
[13] A1

[51] **Int.Cl. H01M 8/02 (2006.01) H01M 8/10 (2006.01) H01M 8/24 (2006.01)**

[25] EN

[54] **FUEL CELL ASSEMBLIES AND CORRESPONDING METHODS OF ASSEMBLING**

[54] **ENSEMBLES DE PILE A COMBUSTIBLE ET PROCEDES D'ASSEMBLAGE CORRESPONDANTS**

[72] HOOD, PETER DAVID, GB

[71] INTELLIGENT ENERGY LIMITED, GB

[85] 2014-11-06

[86] 2013-05-20 (PCT/GB2013/051309)

[87] (WO2013/178987)

[30] GB (1209362.1) 2012-05-28

[21] **2,872,816**
[13] A1

[51] **Int.Cl. G02B 5/28 (2006.01) G02F 1/01 (2006.01)**

[25] EN

[54] **MULTILAYER OPTICAL INTERFERENCE FILTER**

[54] **FILTRE D'INTERFERENCE OPTIQUE MULTICOUCHE**

[72] AUBE, MARTIN, CA

[71] LEDTECH INTERNATIONAL INC., CA

[85] 2014-11-05

[86] 2013-09-26 (PCT/CA2013/000824)

[87] (WO2014/047724)

[30] US (61/705,828) 2012-09-26

[21] **2,872,818**
[13] A1

[51] **Int.Cl. A01K 61/00 (2006.01)**

[25] EN

[54] **OFFSHORE AQUACULTURE SYSTEM**

[54] **SYSTEME D'AQUACULTURE EN MER**

[72] BROSH, SHAY, IL

[71] SEA CONTROL HOLDINGS LTD., IL

[85] 2014-11-06

[86] 2013-05-06 (PCT/IL2013/050381)

[87] (WO2013/168147)

[30] GB (1207999.2) 2012-05-08

[21] **2,872,819**
[13] A1

[51] **Int.Cl. B65D 21/02 (2006.01)**

[25] EN

[54] **PUSH UP CEREAL CUP**

[54] **GOBELET A CEREALES A BOUTON POUSSOIR REGULANT LA QUANTITE DE CEREALES**

[72] VILINSKY, NOAH, US

[71] VILINSKY, NOAH, US

[85] 2014-11-05

[86] 2013-05-17 (PCT/US2013/041657)

[87] (WO2013/173762)

[30] US (61/648,511) 2012-05-17

[21] **2,872,820**
[13] A1

[51] **Int.Cl. B65B 29/02 (2006.01) B29C 51/04 (2006.01) B29C 51/26 (2006.01) B29C 51/44 (2006.01) B65B 47/02 (2006.01) B65B 47/06 (2006.01) B65D 85/804 (2006.01)**

[25] EN

[54] **APPARATUS AND METHOD FOR MAKING CAPSULES WITH FILTER**

[54] **APPAREIL ET PROCEDE DE FABRICATION DE CAPSULES COMPRENANT UN FILTRE**

[72] BARTOLI, ANDREA, IT

[72] TRALDI, FLAVIO, IT

[71] SARONG SOCIETA' PER AZIONI, IT

[85] 2014-11-06

[86] 2013-05-14 (PCT/IB2013/053902)

[87] (WO2013/171663)

[30] IT (MO2012A000128) 2012-05-14

[21] **2,872,821**
[13] A1

[51] **Int.Cl. A47K 3/32 (2006.01) E05D 3/08 (2006.01) E05D 15/54 (2006.01)**

[25] EN

[54] **SHOWER PARTITION ASSEMBLY**

[54] **ENSEMBLE CLOISON DE DOUCHE**

[72] ANAKHIN, ALEXANDER, IL

[71] ANAKHIN, ALEXANDER, IL

[85] 2014-11-06

[86] 2013-05-07 (PCT/IL2013/050386)

[87] (WO2013/168152)

[30] US (61/644,687) 2012-05-09

[21] **2,872,822**
[13] A1

[51] **Int.Cl. C07C 401/00 (2006.01)**
[25] EN
[54] **CRYSTALLIZATION OF (20R)-2-METHYLENE-19-NOR-24-DIFLUORO-1.ALPHA.,25DIHYDROXYVITAMIN D3**
[54] **CRISTALLISATION DE LA (20R)-2-METHYLENE-19-NOR-24-DIFLUORO-1A,25-DIHYDROXY VITAMINE D3**
[72] FLORES, AGNIESZKA A., US
[72] HOLDEN, HAZEL M., US
[72] THODEN, JAMES B., US
[72] DELUCA, HECTOR F., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2014-11-06
[86] 2013-04-30 (PCT/US2013/038885)
[87] (WO2013/180880)
[30] US (61/652,959) 2012-05-30
[30] US (13/828,195) 2013-03-14

[21] **2,872,823**
[13] A1

[51] **Int.Cl. B01J 31/24 (2006.01) B01J 19/00 (2006.01) B01J 31/40 (2006.01) C07C 45/50 (2006.01)**
[25] EN
[54] **HYDROFORMYLATION PROCESS**
[54] **PROCEDE D'HYDROFORMYLATION**
[72] BRAMMER, MICHAEL A., US
[72] WATSON, RICK B., US
[72] WATKINS, AVERY L., US
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2014-11-05
[86] 2013-05-22 (PCT/US2013/042134)
[87] (WO2013/184350)
[30] US (61/655,183) 2012-06-04

[21] **2,872,824**
[13] A1

[51] **Int.Cl. H04W 72/04 (2009.01)**
[25] EN
[54] **COMMUNICATION METHOD AND DEVICE IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] CUI, QIMEI, CN
[72] ZHANG, YINGNI, CN
[72] WANG, HUI, CN
[72] LI, XIAONA, CN
[71] SONY CORPORATION, JP
[85] 2014-11-06
[86] 2013-04-23 (PCT/CN2013/074564)
[87] (WO2013/170687)
[30] CN (201210156809.4) 2012-05-18

[21] **2,872,825**
[13] A1

[51] **Int.Cl. A61J 3/00 (2006.01)**
[25] EN
[54] **MEDICINAL AGENT FILLING DEVICE**
[54] **DISPOSITIF DE REMPLISSAGE D'AGENT MEDICAL**
[72] NISHIBUE, MASAYOSHI, JP
[71] TAKAZONO TECHNOLOGY INCORPORATED, JP
[85] 2014-11-06
[86] 2012-05-14 (PCT/JP2012/062280)
[87] (WO2013/171821)

[21] **2,872,826**
[13] A1

[51] **Int.Cl. C10G 45/10 (2006.01) C10G 3/00 (2006.01) C10G 45/12 (2006.01) C10G 45/62 (2006.01) C10G 45/64 (2006.01)**
[25] EN
[54] **HYDRODESULFURIZATION, DEOXYGENATION AND DEWAXING PROCESSES WITH WATER STABLE CATALYSTS FOR BIOMASS-CONTAINING HYDROCARBON FEEDSTOCKS**
[54] **PROCEDES D'HYDRODESULFURATION, DE DESOXYGENATION ET DE DEPARAFFINAGE DE CHARGES HYDROCARBONEES CONTENANT DE LA BIOMASSE A L'AIDE DE CATALYSEURS STABLES DANS L'EAU**
[72] FINGLAND, BRADLEY R., US
[72] GATT, JOSEPH EMMANUEL, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2014-11-05
[86] 2013-06-03 (PCT/US2013/043826)
[87] (WO2013/184545)
[30] US (61/655,217) 2012-06-04
[30] US (13/906,907) 2013-05-31

[21] **2,872,828**
[13] A1

[51] **Int.Cl. C07C 401/00 (2006.01)**
[25] EN
[54] **CRYSTALLIZATION OF (20R,22R)-2-METHYLENE-19-NOR-22-METHYL-1.ALPHA.,25-DIHYDROXYVITAMIN D3 AND RELATED PRECURSORS**
[54] **CRISTALLISATION DE (20R,22R)-2-METHYLENE-19-NOR-22-METHYL-1A,25-DIHYDROXYVITAMINE D3 ET PRECURSEURS CORRESPONDANTS**
[72] DELUCA, HECTOR F., US
[72] GRZYWACZ, PAWEŁ, US
[72] PLUM, LORI A., US
[72] FLORES, AGNIESZKA A., US
[72] THODEN, JAMES B., US
[72] HOLDEN, HAZEL M., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2014-11-06
[86] 2013-04-30 (PCT/US2013/038886)
[87] (WO2013/180881)
[30] US (61/652,954) 2012-05-30
[30] US (13/828,302) 2013-03-14

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[21] **2,872,830**
[13] A1

[51] **Int.Cl. G06K 9/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR THE COMPARISON OF TWO FILES CONTAINING GRAPHICS AND TEXT ELEMENTS**
[54] **DISPOSITIF ET PROCEDE POUR COMPARER DEUX DONNEES CONTENANT DES ELEMENTS GRAPHIQUES ET TEXTUELS**
[72] KAUPP, ANSGAR, DE
[72] LUTJENS, DIRK, DE
[72] SPRINGMANN, SOREN, DE
[71] EYEC GMBH, DE
[85] 2014-11-06
[86] 2013-05-02 (PCT/DE2013/000233)
[87] (WO2013/163978)
[30] DE (10 2012 008 512.5) 2012-05-02

[21] **2,872,831**
[13] A1

[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/70 (2013.01) H04L 1/24 (2006.01) H04L 12/46 (2006.01)**
[25] EN
[54] **FLEXIBLE RADIX SWITCHING NETWORK**
[54] **RESEAU DE COMMUTATION A BASE FLEXIBLE**
[72] TOMIC, RATKO V., US
[72] WILLIAMS, CHRISTOPHER JOHN, US
[72] TURNER, LEIGH RICHARD, US
[72] LEWIS, REED GRAHAM, US
[71] INFINETICS TECHNOLOGIES, INC., US
[85] 2014-11-06
[86] 2012-05-08 (PCT/US2012/036960)
[87] (WO2012/154751)
[30] US (61/483,686) 2011-05-08
[30] US (61/483,687) 2011-05-08

[21] **2,872,832**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/06 (2006.01) A61K 31/435 (2006.01) A61K 47/26 (2006.01) C07D 295/135 (2006.01)**
[25] FR
[54] **PHARMACEUTICAL COMPOSITION OF A PAPILLOMAVIRUS INHIBITOR**
[54] **COMPOSITION PHARMACEUTIQUE D'UN INHIBITEUR DU VIRUS DU PAPILLOME**
[72] BLUMENFELD, MARTA, FR
[72] COMPERE, DELPHINE, FR
[72] FRANCON, PATRICIA, FR
[72] HUTIN, MICHEL, FR
[71] ANACONDA PHARMA, FR
[85] 2014-11-05
[86] 2013-05-07 (PCT/EP2013/059475)
[87] (WO2013/167583)
[30] FR (1254186) 2012-05-07

[21] **2,872,833**
[13] A1

[51] **Int.Cl. A01N 43/50 (2006.01) A01M 1/20 (2006.01) A01N 25/00 (2006.01) A01N 43/653 (2006.01) A01N 47/40 (2006.01) A01P 3/00 (2006.01) A01P 7/04 (2006.01)**
[25] EN
[54] **TREE TRUNK INJECTION**
[54] **INJECTION POUR TRONC D'ARBRE**
[72] MAEKAWA, TAKAHIRO, JP
[72] OMORI, YASUHIRO, JP
[71] NIPPON SODA CO., LTD., JP
[85] 2014-11-06
[86] 2013-04-30 (PCT/JP2013/062556)
[87] (WO2013/168630)
[30] JP (2012-107600) 2012-05-09
[30] JP (2012-107601) 2012-05-09

[21] **2,872,835**
[13] A1

[51] **Int.Cl. B29C 55/06 (2006.01) B29C 47/00 (2006.01)**
[25] EN
[54] **BLOWN FILM INSTALLATION, METHOD FOR PRODUCING A BLOWN FILM STRIP AND FILM PRODUCED THEREWITH**
[54] **INSTALLATION DE PRODUCTION DE FEUILLES SOUFFLEES, PROCEDE DE PRODUCTION D'UNE FEUILLE SOUFFLEE CONTINUE ET FEUILLE PRODUITE PAR CE PROCEDE**
[72] GANDELHEIDT, EDGAR, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[85] 2014-11-06
[86] 2013-08-07 (PCT/DE2013/000441)
[87] (WO2014/023282)
[30] DE (10 2012 015 462.3) 2012-08-07

[21] **2,872,838**
[13] A1

[51] **Int.Cl. H02K 5/20 (2006.01)**
[25] EN
[54] **COOLABLE MACHINE HOUSING**
[54] **BATI DE MACHINE POUVANT ETRE REFROIDI**
[72] VEEH, MICHAEL, DE
[71] BAUMULLER NURNBERG GMBH, DE
[85] 2014-11-06
[86] 2012-05-24 (PCT/EP2012/002216)
[87] (WO2013/174406)

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[21] **2,872,839**
[13] A1

[51] **Int.Cl. B27N 1/00 (2006.01) B27N 1/02 (2006.01)**

[25] EN

[54] **BEND FOR INTRODUCING A STEAM-AND-FIBERS STREAM INTO A DRYER OR A PULP CHEST OF A FIBERS-PROCESSING PLANT, BLOW LINE WITH A BEND, AND FIBERS-PROCESSING PLANT WITH A BLOW LINE**

[54] **COUDE POUR INTRODUIRE UN COURANT DE VAPEUR ET DE FIBRES DANS UN SECHOIR OU UN CUVIER DE STOCKAGE DE LA PULPE D'UNE USINE DE TRAITEMENT DE FIBRES, INSTALLATION DE SOUFFLAGE AVEC UN COUDE, ET USINE DE TRAITEMENT DE FIBRES AVEC UNE INSTALLATION DE SOUFFLAGE**

[72] BIRVE, JOHAN, SE
[72] SCHEDIN, JENS, SE
[72] NEISTROM, TOMMY, SE
[71] DIEFFENBACHER GMBH
MASCHINEN- UND ANLAGENBAU,
DE
[85] 2014-11-05
[86] 2012-06-01 (PCT/EP2012/060407)
[87] (WO2013/178287)

[21] **2,872,840**
[13] A1

[51] **Int.Cl. G02B 21/36 (2006.01) G06F 3/0484 (2013.01) G06T 3/40 (2006.01)**

[25] EN

[54] **INFORMATION PROCESSOR, INFORMATION PROCESSING METHOD, PROGRAM, AND IMAGE DISPLAY DEVICE**

[54] **PROCESSEUR D'INFORMATIONS, PROCEDE ET PROGRAMME DE TRAITEMENT D'INFORMATIONS ET DISPOSITIF D'AFFICHAGE D'IMAGE**

[72] TAGAMI, NAOKI, JP
[72] KYUSOJIN, HIROSHI, JP
[72] YAMANE, KENJI, JP
[72] WATANABE, HIROFUMI, JP
[71] SONY CORPORATION, JP
[85] 2014-11-06
[86] 2013-05-09 (PCT/JP2013/002980)
[87] (WO2013/183223)
[30] JP (2012-126807) 2012-06-04
[30] JP (2012-145499) 2012-06-28

[21] **2,872,841**
[13] A1

[51] **Int.Cl. G06T 7/00 (2006.01) G06F 17/10 (2006.01) G06F 19/00 (2011.01)**

[25] EN

[54] **IMAGE ANALYSIS FOR DETERMINING CHARACTERISTICS OF ANIMALS AND HUMANS**

[54] **ANALYSE D'IMAGE PERMETTANT DE DETERMINER DES CARACTERISTIQUES D'UN ANIMAL ET D'UN ETRE HUMAIN**

[72] MCVEY, CATHERINE GRACE, US
[71] MCVEY, CATHERINE GRACE, US
[85] 2014-11-06
[86] 2012-05-09 (PCT/US2012/037103)
[87] (WO2012/154841)
[30] US (61/484,126) 2011-05-09
[30] US (61/616,234) 2012-03-27

[21] **2,872,843**
[13] A1

[51] **Int.Cl. B60W 10/08 (2006.01) B60K 6/44 (2007.10) B60K 6/48 (2007.10) B60K 6/52 (2007.10) B60K 6/543 (2007.10) B60L 11/14 (2006.01) B60L 15/20 (2006.01) B60W 10/06 (2006.01) B60W 20/00 (2006.01) F02D 29/02 (2006.01)**

[25] EN

[54] **CONTROL DEVICE FOR HYBRID VEHICLE**

[54] **DISPOSITIF DE COMMANDE POUR VEHICULE HYBRIDE**

[72] HARA, TAKESHI, JP
[72] TORIKAI, TERUKAZU, JP
[72] ITOU, ERI, JP
[72] OBATA, YUUSUKE, JP
[72] TAKAHASHI, KAZUKI, JP
[72] TAKAYA, SEIJI, JP
[72] UCHINO, SATOSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2014-11-06
[86] 2013-05-09 (PCT/JP2013/063092)
[87] (WO2013/168779)
[30] JP (2012-108438) 2012-05-10

[21] **2,872,845**
[13] A1

[51] **Int.Cl. C07J 31/00 (2006.01) C07J 71/00 (2006.01)**

[25] EN

[54] **PREPARATIONS OF HYDROPHOBIC THERAPEUTIC AGENTS, METHODS OF MANUFACTURE AND USE THEREOF**

[54] **PREPARATIONS D'AGENTS THERAPEUTIQUES HYDROPHOBES, PROCEDES DE FABRICATION ET UTILISATION DE CEUX-CI**

[72] CAVANAGH, THOMAS, US
[72] BARMAN, SHIKHA P., US
[72] HAO, TIAN, US
[72] LELAND, THOMAS B., US
[72] THEKKEDATHI, RITESH V., IN
[71] ACIEX THERAPEUTICS, INC., US
[85] 2014-11-06
[86] 2013-05-06 (PCT/US2013/039694)
[87] (WO2013/169647)
[30] US (61/644,105) 2012-05-08
[30] US (61/657,239) 2012-06-08
[30] US (61/692,487) 2012-08-23
[30] US (13/735,973) 2013-01-07
[30] US (61/763,770) 2013-02-12
[30] US (61/788,519) 2013-03-15

[21] **2,872,846**
[13] A1

[51] **Int.Cl. G01N 21/33 (2006.01) C02F 1/32 (2006.01) C02F 1/72 (2006.01)**

[25] EN

[54] **METHOD AND DEVICE FOR DETERMINING RADICAL ATTRITION POTENTIAL**

[54] **PROCEDE ET DISPOSITIF POUR DETERMINER LE POTENTIEL DE CONSOMMATION DE RADICAUX**

[72] RIED, ACHIM, DE
[72] SCHEIDELER, JENS, DE
[72] WIELAND, ARNE, DE
[71] XYLEM WATER SOLUTIONS
HERFORD GMBH, DE
[85] 2014-11-05
[86] 2013-03-15 (PCT/EP2013/000799)
[87] (WO2013/178304)
[30] DE (10 2012 010 611.4) 2012-05-30

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[21] 2,872,847
[13] A1
[51] Int.Cl. G06F 21/31 (2013.01) G06Q 20/40 (2012.01)
[25] EN
[54] METHOD AND SYSTEM FOR AUTHENTICATION AND SETTLEMENT USING MOBILE TERMINAL
[54] PROCEDE ET SYSTEME POUR L'AUTHENTIFICATION ET LE PAIEMENT AU MOYEN D'UN TERMINAL PORTATIF
[72] AWANO, KOICHI, JP
[72] SHIMIZU, HIROYUKI, JP
[71] TOKYO MECHATRONICS CO. LTD., JP
[85] 2014-11-06
[86] 2013-05-02 (PCT/JP2013/063234)
[87] (WO2013/168815)
[30] JP (PCT/JP2012/062014) 2012-05-10
[30] JP (PCT/JP2013/050500) 2013-01-07
[30] JP (2013-98843) 2013-04-18

[21] 2,872,848
[13] A1
[51] Int.Cl. F16L 15/04 (2006.01)
[25] EN
[54] TUBULAR THREADED JOINT HAVING IMPROVED HIGH-TORQUE MAKEUP PROPERTIES
[54] JONCTION FILETEE TUBULAIRE AVEC DES PROPRIETES AMELIOREES D'ASSEMBLAGE AVEC UN COUPLE ELEVE
[72] GOTO, KUNIO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[71] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2014-11-06
[86] 2013-05-21 (PCT/JP2013/064558)
[87] (WO2013/176281)
[30] JP (2012-117550) 2012-05-23

[21] 2,872,850
[13] A1
[51] Int.Cl. A61K 38/17 (2006.01) A61P 35/00 (2006.01) C07K 14/515 (2006.01)
[25] EN
[54] METHODS OF TREATING CANCER USING ANGIOGENIN OR AN ANGIOGENIN AGONIST
[54] PROCEDES DE TRAITEMENT DU CANCER A L'AIDE DE L'ANGIOGENINE OU D'UN AGONISTE DE L'ANGIOGENINE
[72] HOBMAN, PETER, AU
[72] BROWN, ANDREW, AU
[71] MURRAY GOULBURN CO-OPERATIVE CO. LIMITED, AU
[71] AGRICULTURE VICTORIA SERVICES PTY LTD., AU
[85] 2014-11-06
[86] 2013-05-10 (PCT/AU2013/000478)
[87] (WO2013/166555)
[30] AU (2012901918) 2012-05-10
[30] AU (2013204740) 2013-04-12

[21] 2,872,852
[13] A1
[51] Int.Cl. C12N 5/0775 (2010.01)
[25] EN
[54] METHOD FOR UNDIFFERENTIATED PROLIFERATION OF MESENCHYMAL STEM CELL AND METHOD FOR CONCENTRATION OF MESENCHYMAL STEM CELL
[54] PROCEDE DE PROLIFERATION INDIFFERENCIEE DE CELLULES SOUCHES MESENCHYMATEUSES, ET PROCEDE DE CONCENTRATION DE CELLULES SOUCHES MESENCHYMATEUSES
[72] ABE, HIROYUKI, JP
[72] KAWASAKI, HIROAKI, JP
[71] ABE, HIROYUKI, JP
[71] KAWASAKI, HIROAKI, JP
[85] 2014-11-06
[86] 2013-08-08 (PCT/JP2013/071559)
[87] (WO2014/034407)
[30] JP (2012-192560) 2012-08-31

[21] 2,872,855
[13] A1
[51] Int.Cl. A61K 31/727 (2006.01) A61P 7/00 (2006.01) C08B 37/10 (2006.01)
[25] EN
[54] TREATMENT OF MYELOSUPPRESSION
[54] TRAITEMENT DE LA MYELOSUPPRESSION
[72] MARCUS, STEPHEN, US
[71] CANTEX PHARMACEUTICALS, INC., US
[85] 2014-11-06
[86] 2013-03-13 (PCT/US2013/031053)
[87] (WO2013/169355)
[30] US (61/644,623) 2012-05-09
[30] US (61/644,556) 2012-05-09
[30] US (61/648,043) 2012-05-16
[30] US (61/653,362) 2012-05-30
[30] US (61/664,611) 2012-06-26
[30] US (61/668,709) 2012-07-06
[30] US (61/678,053) 2012-07-31
[30] US (61/702,207) 2012-09-17
[30] US (61/724,836) 2012-11-09

[21] 2,872,856
[13] A1
[51] Int.Cl. C07K 16/12 (2006.01)
[25] EN
[54] METHODS FOR PREVENTING BIOFILM FORMATION
[54] METHODES PERMETTANT D'EMPECHER LA FORMATION DE BIOFILMS
[72] YETHON, JEREMY, US
[72] REY, ASTRID, FR
[72] LIEFORT, SYLVIE, FR
[72] FRAISSE, LAURENT, FR
[71] SANOFI, FR
[85] 2014-11-06
[86] 2013-05-06 (PCT/US2013/039724)
[87] (WO2013/169657)
[30] US (61/643,650) 2012-05-07

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[21] **2,872,857**
[13] A1

[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **HAIRY CELL LEUKEMIA BIOMARKERS AND METHODS OF USING SAME**
[54] **BIOMARQUEURS D'UNE LEUCEMIE A TRICHOLEUCOCYTES ET LEURS PROCEDES D'UTILISATION**
[72] FALINI, BRUNANGELO, IT
[72] RABADAN, RAUL, US
[72] TIACCI, ENRICO, IT
[71] FALINI, BRUNANGELO, IT
[71] RABADAN, RAUL, US
[71] TIACCI, ENRICO, IT
[85] 2014-11-06
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[87] (WO2012/154908)
[30] US (61/484,330) 2011-05-10

[21] **2,872,859**
[13] A1

[51] **Int.Cl. B64D 11/02 (2006.01) E03F 1/00 (2006.01)**
[25] EN
[54] **TWO-STAGE FLUSH AND GREY WATER FLUSH SYSTEMS AND DEVICES**
[54] **CHASSE EN DEUX TEMPS ET SYSTEMES ET DISPOSITIFS DE CHASSE A EAUX GRISES**
[72] BOODAGHIANS, RAZMIK B., US
[72] HUANG, KEVIN, US
[72] GOSCHEL, CHRISTOPH, US
[72] ORTOLAN, CHRISTINA, US
[72] ANTONCZYK, VOLKER, US
[72] BIRBECK, TIM, US
[71] MAG AEROSPACE INDUSTRIES, INC., US
[85] 2014-11-06
[86] 2013-03-14 (PCT/US2013/031224)
[87] (WO2013/172953)
[30] US (61/648,194) 2012-05-17

[21] **2,872,860**
[13] A1

[51] **Int.Cl. G06Q 50/20 (2012.01)**
[25] EN
[54] **METHOD, SYSTEM, AND COMPUTER-READABLE RECORDING MEDIUM FOR PROVIDING EDUCATION SERVICE BASED ON KNOWLEDGE UNITS**
[54] **PROCEDE ET SYSTEME DE FOURNITURE D'UN SERVICE EDUCATIF SUR LA BASE D'UNE UNITE DE CONNAISSANCES, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR ORDINATEUR**
[72] KIM, YONG JAE, KR
[72] KIM, SEO JOON, KR
[72] SHIN, JONG HIO, KR
[72] CHO, SEUNG YUN, KR
[71] KNOWRE KOREA INC., KR
[85] 2014-11-06
[86] 2013-02-20 (PCT/KR2013/001349)
[87] (WO2013/125861)
[30] KR (10-2012-0016748) 2012-02-20

[21] **2,872,862**
[13] A1

[51] **Int.Cl. G01K 7/16 (2006.01) G01K 15/00 (2006.01) G01R 31/02 (2006.01) G01R 31/25 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS TO DETECT LEAKAGE CURRENT IN A RESISTANCE TEMPERATURE DETECTOR**
[54] **PROCEDES ET APPAREIL POUR DETECTER UN COURANT DE FUITE DANS UN DETECTEUR DE TEMPERATURE PAR RESISTANCE**
[72] MAYER, PAUL G., US
[72] MCGAUGHEY, JEFFREY B., US
[72] LIU, XUEDONG, US
[71] BRISTOL, INC., D/B/A REMOTE AUTOMATED SOLUTIONS, US
[85] 2014-11-06
[86] 2013-05-07 (PCT/US2013/039817)
[87] (WO2013/169695)
[30] US (61/643,516) 2012-05-07

[21] **2,872,864**
[13] A1

[51] **Int.Cl. C09K 8/36 (2006.01)**
[25] EN
[54] **METHODS AND MATERIALS TO ENHANCE HIGH TEMPERATURE RHEOLOGY IN INVERT EMULSIONS**
[54] **PROCEDES ET MATERIELS POUR AMELIORER LA RHEOLOGIE A TEMPERATURES ELEVEES DANS LES EMULSIONS INVERSES**
[72] WAGLE, VIKRANT
[72] BHAVANISHANKAR, IN
[72] MAGHRABI, SHADAAB SYED, IN
[72] SAVARI, SHARATHI, IN
[72] KULKARNI, SANDEEP D., IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-06
[86] 2013-03-17 (PCT/US2013/032733)
[87] (WO2013/169402)
[30] US (13/468,022) 2012-05-09

[21] **2,872,865**
[13] A1

[51] **Int.Cl. E21B 49/10 (2006.01)**
[25] EN
[54] **FORMATION ENVIRONMENT SAMPLING APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES D'ECHANTILLONNAGE D'ENVIRONNEMENT DE FORMATION**
[72] DIRKSEN, RONALD JOHANNES, US
[72] PROETT, MARK A., US
[72] WILSON, JIM, US
[72] EYUBOGLU, ABBAS SAMI, US
[72] ZHANG, LIZHENG, US
[72] ZHANG, WEI, US
[72] HADIBEIK, ABDOLHAMID, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-11-06
[86] 2012-05-07 (PCT/US2012/036791)
[87] (WO2013/169224)

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[13] A1
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **REFERENCE SIGNAL DESIGN FOR SPECIAL SUBFRAME CONFIGURATIONS**
[54] **MODELE DE SIGNAL DE REFERENCE POUR CONFIGURATIONS DE SOUS-TRAMES SPECIALES**
[72] SONG, XINGHUA, CN
[72] HOYMAN, CHRISTIAN, DE
[72] ERIKSSON, ERIK, SE
[71] OPTIS WIRELESS TECHNOLOGY, LLC, US
[85] 2014-11-06
[86] 2012-09-13 (PCT/SE2012/050963)
[87] (WO2013/169160)
[30] US (61/645,691) 2012-05-11

[21] **2,872,867**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **DIAGNOSTIC GENE MARKER PANEL FOR COLORECTAL CANCER**
[54] **GROUPE DE MARQUEURS GENETIQUES DIAGNOSTIQUES DESTINE AU CANCER COLORECTAL**
[72] MOLLOY, PETER, AU
[72] LAPOINTE, LAWRENCE, AU
[72] PEDERSEN, SUSANNE, AU
[71] CLINICAL GENOMICS PTY LTD, AU
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2014-11-06
[86] 2013-05-10 (PCT/AU2013/000481)
[87] (WO2013/166558)
[30] US (61/646,174) 2012-05-11

[21] **2,872,868**
[13] A1
[51] **Int.Cl. C08L 25/06 (2006.01) B65D 81/26 (2006.01) C08J 3/22 (2006.01) C08K 3/26 (2006.01) C08K 3/34 (2006.01) C08L 71/02 (2006.01) C08L 51/04 (2006.01)**
[25] EN
[54] **COMPOSITION FOR THE PRODUCTION OF HYDROPHILIC POLYSTYRENE MATERIAL**
[54] **COMPOSITION POUR LA PRODUCTION DE MATERIAU POLYSTYRENE HYDROPHILE**
[72] KOLDITZ, PIRKO, DE
[72] LIEBEHENTSCHEL, LUTZ, DE
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2014-11-07
[86] 2013-04-17 (PCT/EP2013/001138)
[87] (WO2013/167229)
[30] EP (12003707.2) 2012-05-09

[21] **2,872,869**
[13] A1
[51] **Int.Cl. C01B 39/48 (2006.01) B01J 29/70 (2006.01)**
[25] EN
[54] **ZEOLITE ZSM-18, ITS SYNTHESIS AND ITS USE**
[54] **ZEOLITE ZSM-18, SA SYNTHESE ET SON UTILISATION**
[72] BURTON, ALLEN W., US
[72] VROMAN, HILDA B., US
[71] EXXONMOBIL CHEMICAL PATENTS, INC., US
[85] 2014-11-06
[86] 2013-04-05 (PCT/US2013/035437)
[87] (WO2013/169419)
[30] US (61/643,955) 2012-05-08

[21] **2,872,870**
[13] A1
[51] **Int.Cl. D21H 13/24 (2006.01) C08L 1/02 (2006.01) D21H 23/04 (2006.01) D21H 25/04 (2006.01) D21H 27/10 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A COMPOSITION COMPRISING CELLULOSE PULP FIBERS AND THERMOPLASTIC FIBERS**
[54] **PROCESSUS DE FABRICATION D'UNE COMPOSITION COMPRENANT DES FIBRES DE PATE CELLULOSIQUE ET DES FIBRES THERMOPLASTIQUES**
[72] MESIC, NARCIS, SE
[72] FRIMAN, ANNA LINDA VIKTORIA, SE
[71] SODRA CELL AB, SE
[85] 2014-11-06
[86] 2013-05-10 (PCT/SE2013/050527)
[87] (WO2013/169203)
[30] SE (1250482-5) 2012-05-11
[30] SE (1250481-7) 2012-05-11

[21] **2,872,871**
[13] A1
[51] **Int.Cl. E21B 10/46 (2006.01) E21B 10/567 (2006.01)**
[25] EN
[54] **DIAMOND CUTTING ELEMENTS FOR DRILL BITS SEEDED WITH HCP CRYSTALLINE MATERIAL**
[54] **ELEMENTS DE DECOUPE EN DIAMANT POUR TREPANS ENSEMENCES AVEC UNE MATIERE CRISTALLINE HCP**
[72] MURDOCK, ANDREW DAVID, US
[72] MUMMA, MATTHEW DOUGLAS, US
[72] CLEGG, JOHN MARTIN, US
[72] DUBOSE, WILLIAM HENRY, US
[72] BOWDEN, NEAL ALAN, US
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040422)
[87] (WO2013/170083)
[30] US (61/645,833) 2012-05-11

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[13] A1

[51] **Int.Cl. G01N 33/483 (2006.01)**
[25] EN
[54] **EARLY PREDICTIVE MARKERS OF PRE-ECLAMPSIA**
[54] **MARQUEURS DE PREDICTION PRECOCE DE PRE-ECLAMPSIE**
[72] BILODEAU, JEAN-FRANCOIS, CA
[72] JULIEN, PIERRE, CA
[71] UNIVERSITE LAVAL, CA
[85] 2014-11-06
[86] 2013-05-16 (PCT/CA2013/000490)
[87] (WO2013/170369)
[30] US (61/648,151) 2012-05-17

[21] **2,872,873**
[13] A1

[51] **Int.Cl. B01D 53/14 (2006.01) C10L 3/10 (2006.01)**
[25] EN
[54] **PLANT AND PROCESS FOR TREATING METHANE-CONTAINING GAS FROM NATURAL SOURCES**
[54] **INSTALLATION ET PROCEDE DESTINES AU TRAITEMENT DE GAZ NATUREL CONTENANT DU METHANE**
[72] BUSE, GERHARD, DE
[71] INGENIEURBURO BUSE GMBH, DE
[85] 2014-11-06
[86] 2012-02-21 (PCT/EP2012/052956)
[87] (WO2012/163554)
[30] DE (10 2011 102 923.4) 2011-05-31

[21] **2,872,874**
[13] A1

[51] **Int.Cl. D21H 13/24 (2006.01) C08L 1/02 (2006.01) D21H 23/04 (2006.01) D21H 25/04 (2006.01) D21H 27/10 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING A COMPOSITE ARTICLE COMPRISING CELLULOSE PULP FIBERS AND A THERMOPLASTIC MATRIX**
[54] **PROCESSUS DE FABRICATION D'UN ARTICLE COMPOSITE COMPRENANT DES FIBRES DE PATE CELLULOSIQUE ET UNE MATRICE THERMOPLASTIQUE**
[72] MESIC, NARCIS, SE
[72] FRIMAN, ANNA LINDA VIKTORIA, SE
[71] SODRA CELL AB, SE
[85] 2014-11-06
[86] 2013-05-10 (PCT/SE2013/050528)
[87] (WO2013/169204)
[30] SE (1250481-7) 2012-05-11
[30] SE (1250482-5) 2012-05-11

[21] **2,872,875**
[13] A1

[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **ILLUMINATED ENDOSCOPIC PEDICLE PROBE WITH REPLACEABLE TIP**
[54] **SONDE DE PEDICULE ENDOSCOPIQUE ECLAIREE AYANT UNE POINTE REMPLACABLE**
[72] JACKSON, AVERY M., III, US
[71] JACKSON, AVERY M., III, US
[85] 2014-11-06
[86] 2012-12-28 (PCT/US2012/072175)
[87] (WO2013/172869)
[30] US (61/647,747) 2012-05-16
[30] US (13/728,987) 2012-12-27

[21] **2,872,876**
[13] A1

[51] **Int.Cl. A61K 31/336 (2006.01) A61P 3/04 (2006.01)**
[25] EN
[54] **TREATING HYPOTHALAMIC OBESITY WITH METAP2 INHIBITORS**
[54] **TRAITEMENT DE L'OBESITE HYPOTHALAMIQUE AU MOYEN D'INHIBITEURS DE METAP2**
[72] VATH, JAMES E., US
[71] ZAFGEN, INC., US
[85] 2014-11-06
[86] 2013-05-08 (PCT/US2013/040077)
[87] (WO2013/169857)
[30] US (61/644,051) 2012-05-08

[21] **2,872,877**
[13] A1

[51] **Int.Cl. B60S 1/40 (2006.01) B60S 1/38 (2006.01)**
[25] EN
[54] **WINDSCREEN WIPER DEVICE**
[54] **DISPOSITIF D'ESSUIE-GLACE DE PARE-BRISE**
[72] FRISCIONI, THOMAS, FR
[71] FEDERAL-MOGUL S.A., BE
[85] 2014-11-06
[86] 2012-05-14 (PCT/EP2012/058903)
[87] (WO2013/170877)

[21] **2,872,878**
[13] A1

[51] **Int.Cl. C09D 1/06 (2006.01) C04B 14/22 (2006.01) C04B 14/42 (2006.01) C04B 28/00 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **THERMAL INSULATING CONCRETE COMPOSITION**
[54] **COMPOSITION DE BETON ISOLANTE THERMIQUEMENT**
[72] SHAH, SANJAY, CA
[72] LOWRIE, AFOLABI, CA
[72] ALYMOV, EUGENE, CA
[71] SHAWCOR LTD., CA
[85] 2014-11-06
[86] 2013-05-08 (PCT/CA2013/050356)
[87] (WO2013/166603)
[30] US (61/644,656) 2012-05-09
[30] US (61/655,598) 2012-06-05

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[13] A1
[51] Int.Cl. H02J 3/32 (2006.01) H02J 7/00 (2006.01) H02M 3/07 (2006.01) H02M 7/48 (2007.01)
[25] EN
[54] **A BATTERY ENERGY STORAGE, BATTERY ENERGY STORAGE SYSTEM, METHOD, COMPUTER PROGRAM AND COMPUTER PROGRAM PRODUCT**
[54] **DISPOSITIF DE STOCKAGE D'ENERGIE DE BATTERIE, SYSTEME ET PROCEDE DE STOCKAGE D'ENERGIE DE BATTERIE, PROGRAMME INFORMATIQUE ET PRODUIT DE PROGRAMME INFORMATIQUE**
[72] TENGNER, TOMAS, SE
[71] ABB RESEARCH LTD, CH
[85] 2014-11-06
[86] 2012-05-16 (PCT/EP2012/059206)
[87] (WO2013/170899)

[21] **2,872,880**
[13] A1
[51] Int.Cl. F24H 9/20 (2006.01) F23N 5/02 (2006.01) F24D 19/10 (2006.01)
[25] EN
[54] **BOILER HAVING EXHAUST GAS TEMPERATURE CONTROL UNIT USING TEMPERATURE SENSOR AND METHOD FOR CONTROLLING SAME**
[54] **CHAUDIERE AYANT UNE UNITE DE COMMANDE DE TEMPERATURE DE GAZ D'ECHAPPEMENT UTILISANT UN CAPTEUR DE TEMPERATURE ET PROCEDE POUR SA COMMANDE**
[72] HEO, CHANG HEOI, KR
[71] KYUNGIDONG NAVIEN CO., LTD., KR
[85] 2014-11-06
[86] 2013-04-05 (PCT/KR2013/002832)
[87] (WO2013/168897)
[30] KR (10-2012-0049941) 2012-05-10

[21] **2,872,881**
[13] A1
[51] Int.Cl. C08L 25/06 (2006.01) B65D 81/26 (2006.01) C08J 3/22 (2006.01) C08K 3/26 (2006.01) C08K 3/34 (2006.01) C08K 5/103 (2006.01) C08L 71/02 (2006.01)
[25] EN
[54] **COMPOSITION FOR THE PRODUCTION OF HYDROPHILIC POLYSTYRENE**
[54] **COMPOSITION POUR LA PRODUCTION DE POLYSTYRENE HYDROPHILE**
[72] KOLDITZ, PIRKO, DE
[72] LIEBEHENTSCHEL, LUTZ, DE
[71] CLARIANT FINANCE (BVI) LIMITED, VG
[85] 2014-11-07
[86] 2013-04-17 (PCT/EP2013/001139)
[87] (WO2013/167230)
[30] EP (12003706.4) 2012-05-09

[21] **2,872,882**
[13] A1
[51] Int.Cl. H04L 9/32 (2006.01) H04W 12/04 (2009.01) H04W 12/06 (2009.01)
[25] EN
[54] **EXTENDED SERVICE SET TRANSITIONS IN WIRELESS NETWORKS**
[54] **TRANSITIONS ENTRE JEUX DE SERVICES ETENDUS DANS DES RESEAUX SANS FIL**
[72] MCCANN, STEPHEN, GB
[72] MONTEMURRO, MICHAEL PETER, CA
[71] BLACKBERRY LIMITED, CA
[85] 2014-11-06
[86] 2013-05-10 (PCT/CA2013/050362)
[87] (WO2013/166607)
[30] US (13/469,618) 2012-05-11

[21] **2,872,883**
[13] A1
[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 25/00 (2006.01) C07D 403/12 (2006.01)
[25] EN
[54] **HETEROARYL COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES HETEROARYLES ET LEURS PROCEDES D'UTILISATION**
[72] JONES, PHILLIP G., US
[72] LEW, ROBERT, US
[72] SPEAR, KERRY L., US
[72] XIE, LINGHONG, US
[71] SUNOVION PHARMACEUTICALS INC., US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040238)
[87] (WO2013/169964)
[30] US (61/644,947) 2012-05-09

[21] **2,872,884**
[13] A1
[51] Int.Cl. G06F 3/039 (2013.01) G06F 3/0354 (2013.01) G06F 3/041 (2006.01) G06F 3/044 (2006.01)
[25] EN
[54] **INPUT DEVICE FOR TOUCH-SENSITIVE, CAPACITIVE DISPLAYS**
[54] **APPAREIL DE SAISIE POUR AFFICHEURS CAPACITIFS TACTILES**
[72] DIX, RILKE, DE
[71] J.S. STAEDTLER GMBH & CO. KG, DE
[85] 2014-11-06
[86] 2013-05-04 (PCT/EP2013/001318)
[87] (WO2013/178316)
[30] DE (10 2012 010 965.2) 2012-05-29

[21] **2,872,885**
[13] A1
[51] Int.Cl. E01B 9/30 (2006.01)
[25] EN
[54] **GUIDE PLATE FOR THE ATTACHMENT OF RAILS FOR RAIL VEHICLES**
[54] **PLAQUE DE GUIDAGE POUR LA FIXATION DE RAILS POUR DES VEHICULES FERROVIAIRES**
[72] KRIEG, NIKOLAJ, DE
[72] GNACZYNSKI, MARTIN, DE
[71] VOSSLOH-WERKE GMBH, DE
[85] 2014-11-06
[86] 2013-06-04 (PCT/EP2013/061460)
[87] (WO2013/182550)
[30] EP (12170731.9) 2012-06-04

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[13] A1

[51] **Int.Cl. G01M 3/00 (2006.01) G01M 3/02 (2006.01) G01M 3/26 (2006.01)**

[25] EN

[54] **INTEGRITY TESTING APPARATUS AND RELATED METHODS**

[54] **APPAREIL D'ESSAI D'INTEGRITE ET PROCEDES APPARENTES**

[72] TERENTIEV, ALEXANDRE, US

[72] TERENTIEV, SERGEY, US

[72] PETHE, VISHWAS, US

[72] PAGANELLI, ANTHONY, US

[72] BHELLA, RICHARD, US

[71] PALL TECHNOLOGY UK LIMITED, GB

[85] 2014-11-06

[86] 2013-10-24 (PCT/US2013/066614)

[87] (WO2014/066637)

[30] US (61/717,959) 2012-10-24

[30] US (61/790,621) 2013-03-15

[30] US (61/873,138) 2013-09-03

[21] **2,872,887**
[13] A1

[51] **Int.Cl. A61K 9/50 (2006.01) A61K 31/4422 (2006.01) A61K 47/34 (2006.01) A61P 9/10 (2006.01)**

[25] EN

[54] **POLYMORPH COMPOSITIONS, METHODS OF MAKING, AND USES THEREOF**

[54] **COMPOSITIONS POLYMORPHES, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**

[72] DAVIS, CARA R., US

[72] BURTON, KEVIN, US

[72] WINCHESTER, GARY, US

[72] STELLA, ANGELA R., US

[72] MACDONALD, R. LOCH, US

[71] EDGE THERAPEUTICS, INC., US

[71] EVONIK CORPORATION, US

[85] 2014-11-06

[86] 2013-05-09 (PCT/US2013/040265)

[87] (WO2013/169979)

[30] US (61/644,523) 2012-05-09

[30] US (13/800,480) 2013-03-13

[21] **2,872,888**
[13] A1

[51] **Int.Cl. D01F 6/60 (2006.01) D01F 6/80 (2006.01) D02G 3/02 (2006.01) D02G 3/04 (2006.01) D06M 13/292 (2006.01) F16L 11/00 (2006.01) F41H 5/04 (2006.01)**

[25] EN

[54] **TEXTILE REINFORCEMENT COMPRISING CONTINUOUS ARAMID**

[54] **RENFORT DE TEXTILE COMPRENANT UN FIL D'ARAMIDE CONTINU**

[72] KWINT, HUIBERT CORNELIS, NL

[72] HUISKAMP, JASPER JORRIT, NL

[72] VAN CAMPEN, JAN, NL

[71] TEIJIN ARAMID B.V., NL

[85] 2014-11-07

[86] 2012-12-18 (PCT/EP2012/075957)

[87] (WO2013/079729)

[30] EP (12167307.3) 2012-05-09

[21] **2,872,889**
[13] A1

[51] **Int.Cl. G01B 3/06 (2006.01) G01B 5/08 (2006.01) G01B 5/213 (2006.01)**

[25] EN

[54] **FOLDING RULE**

[54] **METRE PLIANT**

[72] NEUGARTNER, MARIO, DE

[71] NEUGARTNER, MARIO, DE

[85] 2014-11-06

[86] 2013-03-20 (PCT/EP2013/055784)

[87] (WO2013/143932)

[30] DE (10 2012 205 302.6) 2012-03-30

[21] **2,872,890**
[13] A1

[51] **Int.Cl. B65F 5/00 (2006.01) B08B 9/053 (2006.01) F16L 55/26 (2006.01)**

[25] EN

[54] **METHOD FOR CONVEYING MATERIAL IN A PNEUMATIC MATERIALS HANDLING SYSTEM, AND A CONVEYING APPARATUS FOR MATERIAL, AND A MATERIAL CONVEYING SYSTEM**

[54] **PROCEDE D'ACHEMINEMENT D'UN MATERIAU DANS UN SYSTEME DE TRAITEMENT DE MATERIAU PNEUMATIQUE, ET APPAREIL D'ACHEMINEMENT POUR UN MATERIAU, ET SYSTEME D'ACHEMINEMENT DE MATERIAU**

[72] SUNDHOLM, GORAN, FI

[71] MARICAP OY, FI

[85] 2014-11-06

[86] 2013-06-06 (PCT/FI2013/050615)

[87] (WO2013/182754)

[30] FI (20125624) 2012-06-07

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[13] A1

[51] **Int.Cl. C07J 63/00 (2006.01) A61K 31/56 (2006.01) A61P 31/18 (2006.01)**

[25] EN

[54] **C-17 BICYCLIC AMINES OF TRITERPENOIDS WITH HIV MATURATION INHIBITORY ACTIVITY**

[54] **AMINES BICYCLIQUES C-17 DE TRITERPENOIDES AYANT UNE ACTIVITE QUI INHIBE LA MATURATION DU VIH**

[72] SIN, NY, US

[72] LIU, ZHENG, US

[72] SWIDORSKI, JACOB, US

[72] SIT, SING-YUEN, US

[72] CHEN, JIE, US

[72] CHEN, YAN, US

[72] MEANWELL, NICHOLAS A., US

[72] REGUEIRO-REN, ALICIA, US

[71] BRISTOL-MYERS SQUIBB COMPANY, US

[85] 2014-11-05

[86] 2013-05-03 (PCT/US2013/039389)

[87] (WO2013/169578)

[30] US (61/643,483) 2012-05-07

[30] US (13/799,479) 2013-03-13

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[51] **Int.Cl. B61D 17/04 (2006.01) B60R 13/02 (2006.01) B61D 17/18 (2006.01) F16B 2/24 (2006.01)**
[25] EN
[54] **BODY**
[54] **CAISSE**
[72] BIADATZ, ADRIAN, DE
[72] GROSS, BERND, DE
[72] KIRCHHOFF, SASCHA, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-11-07
[86] 2013-04-04 (PCT/EP2013/057080)
[87] (WO2013/167325)
[30] DE (10 2012 207 781.2) 2012-05-10

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[13] A1
[51] **Int.Cl. B27M 3/00 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR PRODUCING A PLY INVOLVED IN THE CONSTRUCTION OF A MULTIPLY PANEL**
[54] **PROCEDE DE FABRICATION D'UN PANNEAU MULTI-PLIS DE COMPOSITION VARIABLE**
[72] RAUDIN, BRUNO, FR
[72] FAURE, PASCAL, FR
[72] CHABRIER, CHRISTIAN, FR
[71] TECHNIWOOD INTERNATIONAL, FR
[85] 2014-11-06
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[87] (WO2013/167813)

[21] **2,872,894**
[13] A1
[51] **Int.Cl. G08B 17/10 (2006.01)**
[25] EN
[54] **RAIL VEHICLE COMPRISING AN INDUCTION SMOKE ALARM**
[54] **VEHICULE FERROVIAIRE EQUIPE D'UN DETECTEUR DE FUMEE PAR ASPIRATION**
[72] DREWS, MICHAEL, DE
[72] GROSS, THOMAS, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2014-11-06
[86] 2013-04-04 (PCT/EP2013/057078)
[87] (WO2013/167324)
[30] DE (10 2012 207 633.6) 2012-05-08

[21] **2,872,896**
[13] A1
[51] **Int.Cl. H02K 7/18 (2006.01) H02K 1/22 (2006.01) H02K 15/00 (2006.01) H02K 15/02 (2006.01)**
[25] EN
[54] **SYNCHRONOUS GENERATOR OF A GEARLESS WIND ENERGY TURBINE**
[54] **GENERATEUR SYNCHRONE D'UNE EOLIENNE A ENTRAÎNEMENT DIRECT**
[72] GUDEWER, WILKO, DE
[72] GIENGIEL, WOJCIECH, DE
[71] WOBLEN PROPERTIES GMBH, DE
[85] 2014-11-07
[86] 2013-04-05 (PCT/EP2013/057253)
[87] (WO2013/174566)
[30] DE (10 2012 208 547.5) 2012-05-22

[21] **2,872,897**
[13] A1
[51] **Int.Cl. F41H 7/03 (2006.01)**
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[54] **ARMOURED VENTILATION GRILLE**
[54] **GRILLE D'AERATION BLINDEE**
[72] SERPEAULT, JEROME, FR
[72] DESORMIERE, VINCENT, FR
[72] VALLEE, DANIEL, FR
[71] NEXTER SYSTEMS, FR
[85] 2014-11-06
[86] 2013-04-30 (PCT/FR2013/050958)
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[30] FR (12/01402) 2012-05-14

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[51] **Int.Cl. G01J 1/10 (2006.01)**
[25] EN
[54] **SURFACE FEATURES MAPPING**
[54] **MAPPAGE DE CARACTERISTIQUES D'UNE SURFACE**
[72] AHNER, JOACHIM WALTER, US
[72] MCLAURIN, STEPHEN KEITH, US
[71] SEAGATE TECHNOLOGY LLC, US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040271)
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[13] A1
[51] **Int.Cl. H02K 1/27 (2006.01)**
[25] EN
[54] **PERMANENT MAGNET ELECTRICAL MACHINE**
[54] **MACHINE ELECTRIQUE A AIMANT PERMANENT**
[72] LILLINGTON, PAUL EVANS, AU
[71] RADIAL FLUX LABORATORIES PTY LTD, AU
[85] 2014-11-07
[86] 2012-09-20 (PCT/AU2012/001131)
[87] (WO2013/044293)
[30] AU (2011903974) 2011-09-26
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[13] A1
[51] **Int.Cl. A61K 48/00 (2006.01) A61K 33/06 (2006.01) A61K 38/00 (2006.01)**
[25] EN
[54] **FORMULATIONS FOR THE DELIVERY OF ACTIVE INGREDIENTS**
[54] **FORMULATIONS POUR L'ADMINISTRATION DE PRINCIPES ACTIFS**
[72] MAMET, JULIEN, US
[72] HARRIS, SCOTT, US
[72] MILJANICH, GEORGE, US
[72] ORR, RICK, US
[72] SCHMIDT, WILLIAM K., US
[72] YAKSH, TONY, US
[72] YEOMANS, DAVID C., US
[71] ADYNXX, INC., US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040426)
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[30] US (61/645,475) 2012-05-10

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[13] A1

[51] **Int.Cl. A61K 38/46 (2006.01) A61L 2/16 (2006.01) A61P 31/04 (2006.01) C12N 9/24 (2006.01) C12N 9/52 (2006.01)**

[25] EN

[54] **BACTERIOPHAGE LYSIN AND ANTIBIOTIC COMBINATIONS AGAINST GRAM POSITIVE BACTERIA**

[54] **LYSINE DE BACTERIOPHAGE ET COMBINAISONS ANTIBIOTIQUES DIRIGÉES CONTRE DES BACTÉRIES A GRAM POSITIF**

[72] SCHUCH, RAYMOND, US

[72] NOWINSKI, ROBERT C., US

[72] WITTEKIND, MICHAEL, US

[72] LEE, HAN, US

[72] SCHNEIDER, BRENT, US

[71] CONTRAFECT CORPORATION, US

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[86] 2013-05-09 (PCT/US2013/040329)

[87] (WO2013/170015)

[30] US (61/644,944) 2012-05-09

[30] US (61/737,239) 2012-12-14

[21] **2,872,903**
[13] A1

[51] **Int.Cl. A23D 9/05 (2006.01) A23D 7/00 (2006.01)**

[25] EN

[54] **PROCESS FOR THE PREPARATION OF EDIBLE FAT-CONTINUOUS EMULSIONS**

[54] **PROCEDE DE PREPARATION D'EMULSIONS CONTINUES DE MATIERE GRASSE COMESTIBLE**

[72] DEN ADEL, RUDI, NL

[72] DOL, GEORG CHRISTIAN, NL

[72] POTMAN, RONALD PETER, NL

[72] SMIT-KINGMA, IRENE ERICA, NL

[71] UNILEVER PLC, GB

[85] 2014-11-07

[86] 2013-04-22 (PCT/EP2013/058248)

[87] (WO2013/171027)

[30] EP (12168344.5) 2012-05-16

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[13] A1

[51] **Int.Cl. C08H 1/00 (2006.01) C08J 3/24 (2006.01) C08L 89/00 (2006.01)**

[25] EN

[54] **POLYMERS AND PLASTICS DERIVED FROM ANIMAL PROTEINS**

[54] **MATIERES PLASTIQUES ET POLYMERES ISSUS DE PROTEINES ANIMALES**

[72] BRESSLER, DAVID, CA

[72] CHOI, PHILLIP, CA

[71] GOVERNORS OF THE UNIVERSITY OF ALBERTA, CA

[85] 2014-11-07

[86] 2012-05-14 (PCT/CA2012/000458)

[87] (WO2012/155244)

[30] US (61/485,748) 2011-05-13

[21] **2,872,906**
[13] A1

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[25] EN

[54] **BICYCLICALLY SUBSTITUTED URACILS AND THE USE THEREOF**

[54] **URACILES A SUBSTITUTION BICYCLIQUE ET LEUR UTILISATION**

[72] FURSTNER, CHANTAL, DE

[72] ACKERSTAFF, JENS, DE

[72] STRAUB, ALEXANDER, DE

[72] MEIER, HEINRICH, DE

[72] TINEL, HANNA, DE

[72] ZIMMERMANN, KATJA, DE

[72] TERSTEEGEN, ADRIAN, DE

[72] ZUBOV, DIMITRY, DE

[72] KAST, RAIMUND, DE

[72] SCHAMBERGER, JENS, DE

[72] SCHAFER, MARTINA, DE

[72] BORNGEN, KIRSTEN, DE

[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE

[85] 2014-11-06

[86] 2013-05-03 (PCT/EP2013/059286)

[87] (WO2013/167495)

[30] EP (12167231.5) 2012-05-09

[21] **2,872,907**
[13] A1

[51] **Int.Cl. C12P 21/06 (2006.01)**

[25] EN

[54] **ENZYME-BASED PROTEIN SEPARATION AND ENRICHMENT FROM SOY MEAL, WHEAT MEAL, AND OTHER PROTEIN-RICH MATERIALS DERIVED FROM PLANT SEEDS, FRUITS AND OTHER BIOMASS**

[54] **SEPARATION ET ENRICHISSEMENT DE PROTEINE A BASE D'ENZYME A PARTIR DE FARINE DE SOJA, DE FARINE DE BLE ET D'AUTRES MATIERES RICHES EN PROTEINES ISSUES DE GRAINES DE PLANTE, DE FRUITS ET AUTRE BIOMASSE**

[72] JU, LU-KWANG, US

[72] LOMAN, ABDULLAH, US

[72] COFFMAN, ANTHONY, US

[72] LI, QIAN, US

[72] KOGA, TI, SRUJANA, US

[71] THE UNIVERSITY OF AKRON, US

[85] 2014-11-06

[86] 2013-05-09 (PCT/US2013/040332)

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[30] US (61/644,565) 2012-05-09

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[13] A1

[51] **Int.Cl. C07K 16/46 (2006.01) C07K 16/18 (2006.01) C12N 15/13 (2006.01) G01N 33/53 (2006.01)**

[25] EN

[54] **MULTI-SPECIFIC MONOCLONAL ANTIBODIES**

[54] **ANTICORPS MONOCLONAUX MULTI-SPECIFIQUES**

[72] FREY, GERNARD, US

[72] CHIANG, HWAI WEN, US

[72] SHORT, JAY M., US

[71] BIOATLA LLC, US

[85] 2014-11-06

[86] 2013-05-10 (PCT/US2013/040575)

[87] (WO2013/170168)

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[25] EN
[54] **SEALING DEVICE HAVING IMPROVED ADHESION**
[54] **DISPOSITIF D'ETANCHEIFICATION A ADHERENCE AMELIOREE**
[72] ACKERMANN, HERBERT, CH
[72] GOSSI, MATTHIAS, CH
[72] HOFFLIN, FRANK, CH
[72] KEISER, STEFAN, CH
[72] ROHRER, ROMAN, CH
[72] RUDOLF, JEAN-CLAUDE, CH
[71] SIKI TECHNOLOGY AG, CH
[85] 2014-11-06
[86] 2013-05-06 (PCT/EP2013/059412)
[87] (WO2013/167546)
[30] CH (00641/12) 2012-05-07
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[13] A1
[51] **Int.Cl. A61L 2/16 (2006.01) A61K 38/46 (2006.01) A61L 29/08 (2006.01) A61L 29/16 (2006.01) A61P 31/04 (2006.01) C12N 9/24 (2006.01) C12N 9/52 (2006.01)**
[25] EN
[54] **BIOFILM PREVENTION, DISRUPTION AND TREATMENT WITH BACTERIOPHAGE LYSIN**
[54] **PREVENTION, DEGRADATION ET TRAITEMENT DE BIOFILMS PAR LA LYSINE DE BACTERIOPHAGE**
[72] SCHUCH, RAYMOND, US
[72] NOWINSKI, ROBERT C., US
[72] WITTEKIND, MICHAEL, US
[72] KHAN, BABAR, US
[72] ROTOLO, JIMMY, US
[71] CONTRAFECT CORPORATION, US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040340)
[87] (WO2013/170022)
[30] US (61/644,799) 2012-05-09
[30] US (61/736,813) 2012-12-13

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[13] A1
[51] **Int.Cl. G06Q 50/06 (2012.01) G06Q 10/06 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
[54] **A SYSTEM FOR SETTING A DELIVERY COUNT RANK**
[54] **SYSTEME DE REGLAGE DE CLASSEMENT DE VOLUME DE LIVRAISONS**
[72] WADA, SHINJI, JP
[72] DEKAMO, SHINGO, JP
[71] NIPPON GAS CO., LTD., JP
[85] 2014-12-01
[86] 2013-06-05 (PCT/JP2013/003542)
[87] (WO2013/183295)
[30] JP (2012-128091) 2012-06-05

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[13] A1
[51] **Int.Cl. C12P 7/02 (2006.01) C12P 7/06 (2006.01) C12P 7/24 (2006.01) C12P 7/40 (2006.01) C12P 7/42 (2006.01) C12P 7/46 (2006.01) C12P 7/54 (2006.01) C12P 7/62 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **MULTISTAGE SYNTHESIS PROCESS WITH SYNTHESIS GAS**
[54] **PROCEDE DE SYNTHESE EN PLUSIEURS ETAPES AU MOYEN DE GAZ DE SYNTHESE**
[72] HAAS, THOMAS, DE
[72] WITTMANN, EVA MARIA, DE
[71] EVONIK INDUSTRIES AG, DE
[85] 2014-11-06
[86] 2013-05-08 (PCT/EP2013/059608)
[87] (WO2013/167663)
[30] DE (10 2012 207 921.1) 2012-05-11

[21] **2,872,916**
[13] A1
[51] **Int.Cl. F04B 5/02 (2006.01) F04B 35/04 (2006.01) F04B 39/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC ACTUATOR FOR A RECIPROCATING COMPRESSOR**
[54] **ACTIONNEUR ELECTROMAGNETIQUE POUR COMPRESSEUR ALTERNATIF**
[72] BAGAGLI, RICCARDO, IT
[72] TOGNARELLI, LEONARDO, IT
[71] NUOVO PIGNONE SRL, IT
[85] 2014-11-06
[86] 2013-05-10 (PCT/EP2013/059709)
[87] (WO2013/171125)
[30] IT (CO2012A000028) 2012-05-16

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[13] A1
[51] **Int.Cl. C09K 8/05 (2006.01) C09K 8/516 (2006.01) E21B 21/00 (2006.01) E21B 33/138 (2006.01)**
[25] EN
[54] **DRILLING FLUIDS WITH NANO AND GRANULAR PARTICLES AND THEIR USE FOR WELLBORE STRENGTHENING**
[54] **FLUIDES DE FORAGE COMPRENANT DES NANOPARTICULES ET DES PARTICULES GRANULAIRES ET LEUR UTILISATION POUR RENFORCER DES Puits DE FORAGE**
[72] HUSEIN, MAEN MOH'D, CA
[72] HARELAND, GEIR, CA
[71] NFLUIDS INC., CA
[85] 2014-11-07
[86] 2013-07-09 (PCT/CA2013/050532)
[87] (WO2014/008598)
[30] US (61/671,418) 2012-07-13

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[13] A1
[51] **Int.Cl. B29B 7/12 (2006.01) B29B 7/22 (2006.01) B29B 7/82 (2006.01) B29B 17/00 (2006.01)**
[25] EN
[54] **TEMPERATURE-CONTROLLED THERMOKINETIC MIXER**
[54] **MELANGEUR THERMOCINETIQUE COMMANDE EN TEMPERATURE**
[72] MARTEL, SYLVAIN, CA
[72] MURPHY, STEPHEN, CA
[71] PHOENIX INNOVATION TECHNOLOGY INC., CA
[85] 2014-11-07
[86] 2013-10-24 (PCT/CA2013/050808)
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[30] US (61/717,878) 2012-10-24

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[13] A1

[51] **Int.Cl. C12P 7/10 (2006.01) C12N 9/42 (2006.01) C12P 7/14 (2006.01)**
[25] EN
[54] **HIGH EFFICIENCY ETHANOL PROCESS AND HIGH PROTEIN FEED CO-PRODUCT**
[54] **PROCEDE DE PRODUCTION D'ETHANOL A EFFICACITE ELEVEE ET CO-PRODUIT D'ALIMENTATION ANIMALE RICHE EN PROTEINES**
[72] ESCUDERO, CARLOS BLAZQUEZ, US
[72] GOMEZ, PABLO GUTIERREZ, US
[71] ABENGOA BIOENERGY NEW TECHNOLOGIES, LLC, US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040356)
[87] (WO2013/170034)
[30] US (61/645,218) 2012-05-10

[21] **2,872,921**
[13] A1

[51] **Int.Cl. A47J 37/12 (2006.01)**
[25] EN
[54] **DIVERTERS AND COOKING CHAMBERS AND COOKING APPARATUS INCLUDING DIVERTERS**
[54] **DEFLECTEURS, CHAMBRES DE CUISSON ET APPAREIL DE CUISSON COMPRENANT DES DEFLECTEURS**
[72] SHIRALI, MANOUCHEHR, US
[72] ABNEY, TRENT, US
[71] HENNY PENNY CORPORATION, US
[85] 2014-11-06
[86] 2013-05-10 (PCT/US2013/040580)
[87] (WO2013/170172)
[30] US (61/645,512) 2012-05-10

[21] **2,872,922**
[13] A1

[51] **Int.Cl. C25C 3/06 (2006.01)**
[25] EN
[54] **DIRECT-CURRENT SHUNT PREHEATING START METHOD FOR INERT ELECTRODE ALUMINUM ELECTROLYSIS CELL**
[54] **PROCEDE DE DEMARRAGE DE PRECHAUFFAGE PAR DERIVATION A COURANT CONTINU POUR CELLULE D'ELECTROLYSE D'ALUMINIUM A ELECTRODES INERTES**
[72] YANG, JIANHONG, CN
[72] BAO, SHENGZHONG, CN
[72] CAO, PENG, CN
[72] TANG, XINPING, CN
[71] ALUMINUM CORPORATION OF CHINA LIMITED, CN
[85] 2014-11-07
[86] 2012-12-26 (PCT/CN2012/087478)
[87] (WO2014/015638)
[30] CN (201210262136.0) 2012-07-27

[21] **2,872,923**
[13] A1

[51] **Int.Cl. F16B 37/04 (2006.01) F16B 7/18 (2006.01) F16B 21/02 (2006.01)**
[25] EN
[54] **FASTENING DEVICE**
[54] **DISPOSITIF DE FIXATION**
[72] WOTTRICH, ALEXANDER, CH
[72] LIPPUNER, RALPH, CH
[71] HILTI AKTIENGESELLSCHAFT, LI
[85] 2014-11-06
[86] 2013-05-14 (PCT/EP2013/059926)
[87] (WO2013/174677)
[30] DE (10 2012 208 482.7) 2012-05-21

[21] **2,872,924**
[13] A1

[51] **Int.Cl. F23B 50/12 (2006.01) F23B 20/00 (2006.01) F23B 60/02 (2006.01)**
[25] EN
[54] **A WOOD PELLET BURNER ASSEMBLY**
[54] **ENSEMBLE BRULEUR A PLAQUETTES DE BOIS**
[72] GRANT, STEPHEN WILLIAM JOHN, IE
[71] GRANT, STEPHEN WILLIAM JOHN, IE
[85] 2014-11-07
[86] 2013-05-07 (PCT/EP2013/059533)
[87] (WO2013/167619)
[30] GB (1207976.0) 2012-05-08

[21] **2,872,925**
[13] A1

[51] **Int.Cl. D21F 1/00 (2006.01) D21F 3/02 (2006.01) D21F 7/08 (2006.01)**
[25] EN
[54] **INDUSTRIAL FABRIC INCLUDING SPIRALLY WOUND MATERIAL STRIPS WITH REINFORCEMENT**
[54] **TISSU INDUSTRIEL COMPORTANT DES BANDES DE MATERIAU ENROULEES EN SPIRALE AVEC RENFORT**
[72] EAGLES, DANA, US
[72] HANSEN, ROBERT, US
[72] KARLSSON, JONAS, SE
[71] ALBANY INTERNATIONAL CORP., US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040360)
[87] (WO2013/170038)
[30] US (13/469,994) 2012-05-11

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[21] **2,872,926**
[13] A1

[51] **Int.Cl. C07K 16/36 (2006.01)**
[25] EN
[54] **ANTIBODIES CAPABLE OF BINDING TO THE COAGULATION FACTOR XI AND/OR ITS ACTIVATED FORM FACTOR XIA AND USES THEREOF**

[54] **ANTICORPS CAPABLES DE LIER AU FACTEUR DE COAGULATION XI ET/OU A SA FORME ACTIVEE, LE FACTEUR XIA, ET UTILISATIONS DE CEUX-CI**

[72] WILMEN, ANDREAS, DE
[72] STRASSBURGER, JULIA, DE
[72] DITTMER, FRANK, DE
[72] STRERATH, MICHAEL, DE
[72] BUCHMULLER, ANJA, DE
[72] GRUDZINSKA-GOEBEL, JOANNA, DE
[72] FINNERN, RICARDA, DE
[72] SCHAFER, MARTINA, DE
[72] GERDES, CHRISTOPH, DE
[72] JORISSEN, HANNAH, DE
[72] ITAKURA, ASAKO, US
[72] LEUNG, PHILBERTA Y., US
[72] TUCKER, ERIK, US
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2014-11-07
[86] 2013-05-08 (PCT/EP2013/059618)
[87] (WO2013/167669)
[30] EP (12167438.6) 2012-05-10
[30] EP (12181697.9) 2012-08-24
[30] EP (13150361.7) 2013-01-07
[30] US (61/817,675) 2013-04-30

[21] **2,872,927**
[13] A1

[51] **Int.Cl. C22B 3/22 (2006.01) C22B 3/46 (2006.01) C22B 19/00 (2006.01)**
[25] EN
[54] **CADMIUM REMOVING PROCESS IN ZINC-CONTAINING SOLUTION PURIFICATION AND PURIFICATION METHOD OF ZINC-CONTAINING SOLUTION**

[54] **PROCEDE D'ELIMINATION DE CADMIUM EN PURIFICATION DE SOLUTION CONTENANT DU ZINC ET PROCEDE DE PURIFICATION DE SOLUTION CONTENANT DU ZINC**

[72] GAO, LIN, CN
[72] WANG, TAO, CN
[71] INTERMET TECHNOLOGIES CHENGDU CO., LTD, CN
[85] 2014-11-07
[86] 2012-08-02 (PCT/CN2012/079545)
[87] (WO2013/166789)
[30] CN (201210137907.3) 2012-05-07

[21] **2,872,928**
[13] A1

[51] **Int.Cl. A61K 39/395 (2006.01) A61P 25/00 (2006.01) A61P 25/28 (2006.01)**
[25] EN
[54] **USE OF SEMAPHORIN-4D BINDING MOLECULES TO PROMOTE NEUROGENESIS FOLLOWING STROKE**

[54] **UTILISATION DE MOLECULES DE LIAISON DE SEMAPHORINE 4D POUR STIMULER LA NEUROGENESE APRES UN ACCIDENT VASCULAIRE CEREBRALE**

[72] SMITH, ERNEST S., US
[72] ZAUDERER, MAURICE, US
[71] VACCINEX, INC., US
[85] 2014-11-06
[86] 2013-05-10 (PCT/US2013/040661)
[87] (WO2013/170221)
[30] US (61/646,119) 2012-05-11
[30] US (13/842,523) 2013-03-15

[21] **2,872,929**
[13] A1

[51] **Int.Cl. E06B 3/26 (2006.01) E05F 17/00 (2006.01)**
[25] EN
[54] **INSULATED WINDOW ASSEMBLY**

[54] **ENSEMBLE FENETRE ISOLEE**

[72] MORTON, PHILIP G., US
[72] MORTON, JONATHAN G., US
[71] DECEUNINCK NORTH AMERICA, LLC, US
[71] DECEUNINCK NV, BE
[85] 2014-11-06
[86] 2013-05-14 (PCT/EP2013/059950)
[87] (WO2013/171218)
[30] US (13/472,275) 2012-05-15

[21] **2,872,930**
[13] A1

[51] **Int.Cl. C12N 15/113 (2010.01) B82Y 5/00 (2011.01) A61K 9/127 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **BI-FUNCTIONAL SHORT- HAIRPIN RNA (BI-SHRNA) SPECIFIC FOR SINGLE-NUCLEOTIDE KRAS MUTATIONS**

[54] **ARN BIFONCTIONNEL EN COURTE EPINGLE A CHEVEUX (BI-SHARN) SPECIFIQUE DES MUTATIONS KRAS PORTANT SUR UN SEUL NUCLEOTIDE**

[72] RAO, DONALD, US
[72] WANG, ZHAOHUI, US
[72] NEMUNAITIS, JOHN J., US
[72] SENZER, NEIL, US
[71] GRADALIS, INC., US
[85] 2014-11-06
[86] 2013-05-09 (PCT/US2013/040407)
[87] (WO2013/170071)
[30] US (61/644,875) 2012-05-09
[30] US (13/890,957) 2013-05-09

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[21] **2,872,931**
[13] A1

[51] **Int.Cl. B65D 85/804 (2006.01) A47J 31/22 (2006.01)**
[25] EN
[54] **BEVERAGE CAPSULE FOR CENTRIFUGAL EXTRACTION**
[54] **CAPSULE DE BOISSON POUR EXTRACTION CENTRIFUGE**
[72] GERBAULET, ARNAUD, FR
[72] TINEMBART, JEAN-FRANCOIS, CH
[72] ABEGGLEN, DANIEL, CH
[72] BIZET, BRUNO, FR
[72] BEZET, NICOLAS JEAN-GUY, FR
[71] NESTEC SA, CH
[85] 2014-11-06
[86] 2013-05-15 (PCT/EP2013/059976)
[87] (WO2013/171238)
[30] EP (12168209.0) 2012-05-16

[21] **2,872,932**
[13] A1

[51] **Int.Cl. A61K 31/4427 (2006.01) A61K 45/06 (2006.01) A61P 3/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMBINATIONS FOR THE TREATMENT OF METABOLIC DISORDERS**
[54] **COMBINAISONS PHARMACEUTIQUES POUR LE TRAITEMENT DE TROUBLES METABOLIQUES**
[72] RAUCH, THOMAS, DE
[72] HAMILTON, BRADFORD S., DE
[72] TSUTSUMI, MANAMI, US
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[85] 2014-11-07
[86] 2013-05-07 (PCT/EP2013/059423)
[87] (WO2013/167554)
[30] US (61/644,721) 2012-05-09
[30] US (61/645,787) 2012-05-11

[21] **2,872,933**
[13] A1

[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED CYCLOALKENOPYRAZOLES AS BUBI INHIBITORS FOR THE TREATMENT CANCER**
[54] **CYCLOALCENOPYRAZOLES SUBSTITUES EN TANT QU'INHIBITEURS DE BUBI POUR LE TRAITEMENT DU CANCER**
[72] HITCHCOCK, MARION, DE
[72] HILGER, CHRISTOPH-STEFHAN, DE
[72] MENGEL, ANNE, DE
[72] BRIEM, HANS, DE
[72] HOLTON, SIMON, DE
[72] PUTTER, VERA, DE
[72] SIEMEISTER, GERHARD, DE
[72] PRECHTL, STEFAN, DE
[72] FERNANDEZ-MONTALVAN, AMAURY ERNESTO, DE
[72] STEGMANN, CHRISTIAN, DE
[72] PREUSSE, CORNELIA, DE
[72] GNOTH, MARK JEAN, DE
[71] BAYER PHARMA AKTIENFESELLSCHAFT, DE
[85] 2014-11-07
[86] 2013-05-08 (PCT/EP2013/059666)
[87] (WO2013/167698)
[30] EP (12167690.2) 2012-05-11

[21] **2,872,934**
[13] A1

[51] **Int.Cl. A61N 7/00 (2006.01) A61H 23/02 (2006.01)**
[25] EN
[54] **PORTABLE DEVICE TO INITIATE AND MONITOR TREATMENT OF STROKE VICTIMS IN THE FIELD**
[54] **DISPOSITIF PORTABLE POUR LANCER ET SURVEILLER LE TRAITEMENT DE VICTIMES D'ACCIDENTS CEREbroVASCULAIRES SUR PLACE**
[72] HOELSCHER, THILO, US
[72] VOIE, ARNE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2014-11-06
[86] 2013-05-10 (PCT/US2013/040664)
[87] (WO2013/170223)
[30] US (61/646,106) 2012-05-11
[30] US (61/681,025) 2012-08-08

[21] **2,872,935**
[13] A1

[51] **Int.Cl. H01H 33/666 (2006.01) H01H 1/00 (2006.01) H01H 75/04 (2006.01)**
[25] EN
[54] **DROPOUT RECLOSER**
[54] **DISJONCTEUR REENCLENCHEUR DE RELACHEMENT**
[72] SMITH, RICHARD G., US
[72] MONTANTE, JORGE, US
[72] MONTENEGRO, ALEJANDRO, US
[72] ROSS, MICHAEL, US
[71] S&C ELECTRIC COMPANY, US
[85] 2014-11-06
[86] 2013-05-07 (PCT/US2013/039857)
[87] (WO2013/169716)
[30] US (61/643,593) 2012-05-07

[21] **2,872,936**
[13] A1

[51] **Int.Cl. A23L 1/211 (2006.01)**
[25] EN
[54] **METHOD FOR THE MANUFACTURE OF BIO-PRODUCTS WITH A MODIFIED SUGAR PROFILE**
[54] **PROCEDE POUR LA FABRICATION DE BIOPRODUITS AVEC UN PROFIL GLUCIDIQUE MODIFIE**
[72] ELLEGARD, KATRINE HVID, DK
[72] THOMSEN, KARL KRISTIAN, DK
[72] HANSEN, OLE KAAE, DK
[71] HAMLET PROTEIN A/S, DK
[85] 2014-11-06
[86] 2013-05-15 (PCT/EP2013/060025)
[87] (WO2013/171259)
[30] EP (12168274.4) 2012-05-16
[30] US (61/647,667) 2012-05-16
[30] US (61/777,938) 2013-03-12

[21] **2,872,938**
[13] A1

[51] **Int.Cl. C07K 14/435 (2006.01)**
[25] EN
[54] **COAGULATION FACTOR VIII WITH REDUCED IMMUNOGENICITY**
[54] **FACTEUR VIII DE COAGULATION AYANT UNE IMMUNOGENICITE REDUITE**
[72] SAINT-REMY, JEAN-MARIE, BE
[71] IMNATE SARI, LU
[85] 2014-11-07
[86] 2013-05-21 (PCT/EP2013/060397)
[87] (WO2013/174805)
[30] EP (12168800.6) 2012-05-22

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[21] 2,872,939
[13] A1
[51] Int.Cl. A61B 17/34 (2006.01) A61B 17/00 (2006.01) A61B 17/29 (2006.01)
[25] EN
[54] LAPAROSCOPIC PORT
[54] ORIFICE LAPAROSCOPIQUE
[72] FARIN, DANNY, IL
[72] BACHAR, YEHUDA, IL
[72] WINSHITEIN, RONNY, IL
[71] EON SURGICAL LTD., IL
[85] 2014-11-07
[86] 2013-05-09 (PCT/EP2013/059693)
[87] (WO2013/167717)
[30] US (61/644,456) 2012-05-09

[21] 2,872,941
[13] A1
[51] Int.Cl. H01L 29/861 (2006.01) H01L 21/266 (2006.01) H01L 29/06 (2006.01) H01L 29/16 (2006.01) H01L 29/739 (2006.01) H01L 29/78 (2006.01)
[25] EN
[54] SEMICONDUCTOR DEVICE WITH JUNCTION TERMINATION EXTENSION
[54] DISPOSITIF A SEMI-CONDUCTEUR A EXTENSION DE TERMINAISON DE JONCTION
[72] ARTHUR, STEPHEN DALEY, US
[72] BOLOTNIKOV, ALEXANDER VIKTOROVICH, US
[72] LOSEE, PETER ALMERN, US
[72] MATOCHA, KEVIN SEAN, US
[72] SAIA, RICHARD JOSEPH, US
[72] STUM, ZACHARY MATTHEW, US
[72] STEVANOVIC, LJUBISA DRAGOLJUB, US
[72] KISHORE, KUNA VENKAT SATYA RAMA, IN
[72] KRETCHMER, JAMES WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2014-11-06
[86] 2013-05-15 (PCT/US2013/041073)
[87] (WO2013/173414)
[30] US (61/648,149) 2012-05-17

[21] 2,872,943
[13] A1
[51] Int.Cl. B62D 11/00 (2006.01)
[25] EN
[54] CONTROL METHOD, COMPUTER PROGRAM AND CONTROL DEVICE OF A TRACKED VEHICLE
[54] PROCEDE DE COMMANDE, LOGICIEL D'ORDINATEUR, ET DISPOSITIF DE COMMANDE DE VEHICULE CHENILLE
[72] PELLETIER, MARTIN, CA
[71] SNOWGROLIC S.A. R.L., LU
[85] 2014-11-06
[86] 2013-05-28 (PCT/EP2013/060993)
[87] (WO2013/178642)
[30] IT (MI2012A000922) 2012-05-28

[21] 2,872,945
[13] A1
[51] Int.Cl. B65D 1/02 (2006.01) B65D 79/00 (2006.01)
[25] EN
[54] HOT FILL CONTAINER HAVING IMPROVED CRUSH RESISTANCE
[54] RECEPTACLE POUR REMPLISSAGE A CHAUD PRESENTANT UNE RESISTANCE ACCRUE A L'ECRASEMENT
[72] SCHLIES, ANTHONY J., US
[72] HOWELL, JUSTIN A., US
[71] GRAHAM PACKAGING COMPANY, L.P., US
[85] 2014-06-16
[86] 2012-12-14 (PCT/US2012/069655)
[87] (WO2013/090671)
[30] US (13/328,788) 2011-12-16

[21] 2,872,946
[13] A1
[51] Int.Cl. B65D 55/14 (2006.01) A47G 19/00 (2006.01)
[25] EN
[54] PORTABLE SAFETY DISH WITH SLIDING LOCK
[54] PLAT PORTATIF A SECURITE A VERROUILLAGE COULISSANT
[72] WILLIAMSON, NELSON, US
[71] NELSON, KHALIL & KAYDEN CORPORATION, US
[85] 2014-11-06
[86] 2013-05-17 (PCT/US2013/041625)
[87] (WO2013/173737)
[30] US (13/474,368) 2012-05-17

[21] 2,872,947
[13] A1
[51] Int.Cl. C09J 4/06 (2006.01) C09J 133/00 (2006.01)
[25] EN
[54] ANAEROBIC CURING FORMULATIONS FOR SEALING AND BLOCKING BOLTS AND NUTS
[54] FORMULATIONS DE DURCISSEMENT ANAEROBIE POUR RENDRE ETANCHES ET BLOQUER DES BOULONS ET DES ECROUS
[72] AITA, GASPARE, IT
[72] CALASSO, ANTONIO, JR., IT
[71] TECNOLOGIC 3 S.R.L., IT
[85] 2014-11-07
[86] 2012-05-18 (PCT/IB2012/000968)
[87] (WO2013/171528)

[21] 2,872,948
[13] A1
[51] Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01)
[25] EN
[54] ALPHA-CARBOLINES FOR THE TREATMENT OF CANCER
[54] ALPHA-CARBOLINES POUR LE TRAITEMENT DU CANCER
[72] GAMBACORTI-PASSERINI, CARLO, IT
[72] MOLOGNI, LUCA, IT
[72] SCAPOZZA, LEONARDO, CH
[72] BISSON, WILLIAM, CH
[72] AHMED, SHAHEEN, CH
[72] GOEKJIAN, PETER, FR
[72] TARDY, SEBASTIEN, FR
[72] ORSATO, ALEXANDRE, FR
[72] GUEYRARD, DAVID, FR
[72] BENOIT, JOSEPH, FR
[71] UNIVERSITE DE GENEVE, CH
[71] UNIVERSITE CLAUDE BERNARD - LYON 1, FR
[71] UNIVERSITA' DEGLI STUDI DI MILANO - BICOCCA, IT
[85] 2014-11-07
[86] 2013-05-10 (PCT/EP2013/059721)
[87] (WO2013/167730)
[30] EP (12167755.3) 2012-05-11

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[21] **2,872,949**
[13] A1

[51] **Int.Cl. G01N 29/26 (2006.01) G01N 29/34 (2006.01) G01V 1/22 (2006.01) G08C 15/00 (2006.01)**

[25] EN

[54] **SYSTEM AND METHOD FOR ULTRASONIC TESTING WITH A SINGLE CHANNEL ULTRASONIC TEST UNIT**

[54] **SYSTEME ET PROCEDE DE CONTROLE PAR ULTRASONS AU MOYEN D'UNE UNITE DE CONTROLE A ULTRASONS MONOCANAL**

[72] FEYDO, MARK HOWARD, US

[71] GENERAL ELECTRIC COMPANY, US

[85] 2014-11-06

[86] 2013-05-20 (PCT/US2013/041743)

[87] (WO2013/177007)

[30] US (13/477,889) 2012-05-22

[21] **2,872,951**
[13] A1

[51] **Int.Cl. E21B 10/26 (2006.01) E21B 10/567 (2006.01)**

[25] EN

[54] **A DOWNHOLEDOWNHOLE ASSEMBLY, TOOL AND METHOD**

[54] **ENSEMBLE FOND DE Puits, OUTIL ET PROCEDE**

[72] ZAKI, MAGDY M., EG

[72] AHMED, OMAR, US

[72] AGUIB, KARIM A., EG

[72] ADBEL-KADER, AHMED GALAL, EG

[71] TERCIEL IP LIMITED, VG

[85] 2014-11-07

[86] 2013-05-08 (PCT/IB2013/000890)

[87] (WO2013/167954)

[30] GB (1208286.3) 2012-05-11

[21] **2,872,952**
[13] A1

[51] **Int.Cl. G01V 11/00 (2006.01)**

[25] EN

[54] **METHODS FOR GENERATING DEPOFACIES CLASSIFICATIONS FOR SUBSURFACE OIL OR GAS RESERVOIRS OR FIELDS**

[54] **METHODES DE PRODUCTION DE CLASSIFICATIONS DE FACIES DE DEPOT POUR RESEPOIRS OU CHAMPS DE PETRO. & OU DE GAZ SOUTERRAINS**

[72] BUNTING, IVANA, US

[72] DODMAN, CLIVE, US

[71] CHEVRON U.S.A. INC., US

[85] 2014-11-06

[86] 2013-05-22 (PCT/US2013/042282)

[87] (WO2013/181044)

[30] US (13/485,566) 2012-05-31

[21] **2,872,954**
[13] A1

[51] **Int.Cl. B60T 13/66 (2006.01) B60T 8/32 (2006.01) B60T 8/36 (2006.01)**

[25] EN

[54] **CONTROL VALVE DEVICE FOR A RAIL VEHICLE BRAKE**

[54] **DISPOSITIF A SOUPAPE DE COMMANDE POUR UN FREIN DE VEHICULE FERROVIAIRE**

[72] RASEL, THOMAS, DE

[72] HERDEN, MARC-OLIVER, DE

[72] VOLLMER, ACHIM, DE

[71] KNORR-BREMSE SYSTEME FUR SCHIENENFAHRZEUGE GMBH, DE

[85] 2014-11-07

[86] 2013-05-13 (PCT/EP2013/059848)

[87] (WO2013/167759)

[30] DE (10 2012 009 427.2) 2012-05-11

[21] **2,872,955**
[13] A1

[51] **Int.Cl. A61B 5/02 (2006.01) A61M 5/142 (2006.01)**

[25] EN

[54] **OCCCLUSION DETECTION**

[54] **DETECTION D'OCCCLUSION**

[72] WANDER, JACOB A., US

[72] ADAMS, GRANT A., US

[72] LACY, CHRISTOPHER A., US

[71] SMITHS MEDICAL ASD, INC., US

[85] 2014-11-06

[86] 2013-05-23 (PCT/US2013/042388)

[87] (WO2013/177379)

[30] US (61/651,860) 2012-05-25

[21] **2,872,957**
[13] A1

[51] **Int.Cl. G01W 1/00 (2006.01) F03D 11/00 (2006.01)**

[25] EN

[54] **WEATHER PREDICTING METHOD, WEATHER PREDICTING APPARATUS, AND AIR UTILIZING APPARATUS**

[54] **PROCEDE DE REPRODUCTION METEOROLOGIQUE, DISPOSITIF DE REPRODUCTION METEOROLOGIQUE, ET DISPOSITIF D'UTILISATION DE L'AIR**

[72] SAKURAI, TATSUYA, JP

[72] SATAKE, SHINSUKE, JP

[72] KADO, KENICHIRO, JP

[72] KUBOTA, KEI, JP

[72] HU, XIDONG, JP

[72] YAMAMURO, KETTA, JP

[72] KAKUTANI, YUZURU, JP

[71] ASAKA, TERU, JP

[71] JGC CORPORATION, JP

[85] 2014-11-07

[86] 2012-10-11 (PCT/JP2012/076318)

[87] (WO2014/020778)

[30] JP (2012-170656) 2012-07-31

[21] **2,872,958**
[13] A1

[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/506 (2006.01) A61K 47/10 (2006.01) A61K 47/14 (2006.01) A61K 47/44 (2006.01)**

[25] EN

[54] **PHARMACEUTICAL COMPOSITION**

[54] **COMPOSITION PHARMACEUTIQUE**

[72] PURANDARE, SHRINIVAS, IN

[72] MALHOTRA, GEENA, IN

[71] CIPLA LIMITED, IN

[85] 2014-11-07

[86] 2013-05-10 (PCT/GB2013/000211)

[87] (WO2013/167865)

[30] IN (1444/MUM/2012) 2012-05-11

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[21] **2,872,960**
[13] A1
[51] **Int.Cl. F23G 5/04 (2006.01) F23G 7/10 (2006.01)**
[25] EN
[54] **IMPROVEMENTS IN WASTE PROCESSING**
[54] **AMELIORATIONS APORTEES AU TRAITEMENT DES DECHETS**
[72] CHALABI, RIFAT AL., GB
[72] PERRY, OPHNEIL HENRY, GB
[72] LI, KE, GB
[71] CHINOOK END-STAGE RECYCLING LIMITED, GB
[85] 2014-11-07
[86] 2013-04-30 (PCT/GB2013/051101)
[87] (WO2013/167870)
[30] GB (1208165.9) 2012-05-08

[21] **2,872,961**
[13] A1
[51] **Int.Cl. C07K 14/175 (2006.01) A61K 39/12 (2006.01)**
[25] EN
[54] **SCHMALLENBERG VIRUS (SBV) VACCINE, METHODS OF PRODUCTION, AND USES THEREOF**
[54] **VACCIN CONTRE LE VIRUS DE SCHMALLENBERG (SBV), PROCEDES DE PRODUCTION ET UTILISATIONS**
[72] NIKOLIN, VELJKO, DE
[72] STADLER, KONRAD, DE
[72] LISCHIEWSKI, AXEL, DE
[72] BRIX, ALEXANDER, US
[72] KNITTEL, JEFFREY P., US
[72] TOEPFER, KATHARINA HEDWIG, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2014-11-06
[86] 2013-05-29 (PCT/US2013/043146)
[87] (WO2013/181270)
[30] EP (12170631.1) 2012-06-01
[30] EP (13157875.9) 2013-03-05

[21] **2,872,962**
[13] A1
[51] **Int.Cl. A61L 2/10 (2006.01)**
[25] EN
[54] **UV DISINFECTION SYSTEM FOR NEEDLELESS CONNECTOR**
[54] **SYSTEME DE DESINFECTION A RAYONS ULTRA VIOLETS POUR UN RACCORD SANS AIGUILLE**
[72] MA, YIPING, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2014-11-06
[86] 2013-05-30 (PCT/US2013/043366)
[87] (WO2013/181393)
[30] US (61/653,932) 2012-05-31
[30] US (13/904,295) 2013-05-29

[21] **2,872,964**
[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01)**
[25] EN
[54] **A SCREENING METHOD FOR THE DETECTION OF CLOSTRIDIUM DIFFICILE**
[54] **PROCEDE DE CRIBLAGE POUR LA DETECTION DE CLOSTRIDIUM DIFFICILE**
[72] BAILLIE, LESLEY WILLIAM JAMES, GB
[72] JOSHI, LOVLEEN TINA, GB
[71] UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED, GB
[85] 2014-11-07
[86] 2013-05-02 (PCT/GB2013/051149)
[87] (WO2013/167876)
[30] GB (1207998.4) 2012-05-08

[21] **2,872,965**
[13] A1
[51] **Int.Cl. E05B 1/00 (2006.01) E05B 65/00 (2006.01)**
[25] EN
[54] **ANTI-LIGATURE HANDLE AND ESCUTCHEON FOR OPERATING A LOCK**
[54] **POIGNEE ANTI-LIGATURE ET PLAQUE DE POIGNEE DE PORTE POUR ACTIONNER UNE SERRURE**
[72] ELLER, DARREN C., US
[72] PLANTEK, RYAN, US
[72] RILEY, DAN, US
[72] GERACI, ANDREW, US
[71] SARGENT MANUFACTURING COMPANY, US
[85] 2014-11-06
[86] 2013-06-05 (PCT/US2013/044275)
[87] (WO2013/184773)
[30] US (61/655,795) 2012-06-05

[21] **2,872,967**
[13] A1
[51] **Int.Cl. A61B 17/04 (2006.01)**
[25] EN
[54] **A REPLACEABLE SUTURING HEAD, A REPLACEABLE NEEDLE CARTRIDGE, AND A SUTURING DEVICE**
[54] **TETE DE SUTURE REMPLACABLE, CARTOUCHE D'AIGUILLE REMPLACABLE ET DISPOSITIF DE SUTURE**
[72] BERRY, ALEXANDER CHARLES, GB
[71] SUTRUE LIMITED, GB
[85] 2014-11-07
[86] 2013-05-08 (PCT/GB2013/051185)
[87] (WO2013/167885)
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[72] DONNACHIE, PAUL, GB
[71] ALEXANDER DENNIS LIMITED, GB
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[71] IHC ENGINEERING BUSINESS LIMITED, GB

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[71] CROMPTON TECHNOLOGY GROUP LIMITED, GB

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[72] SOLOMON, STEPHEN B., US
[72] SHIKE, MOSHE, US
[72] KAMEN, DEAN, US
[72] AMBROGI, MIKE, US
[72] ALTABELLI, DAVID E., US
[72] YEATON, ERIC, US
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[72] REASONER, STEPHEN J., US
[72] ISHAM, STEPHEN P., US
[72] GAMHEWAGE, CHAMARA, US
[72] WASSERMAN, MARK A., US
[72] ROCQUE, GLEN D., US
[72] MURRAY, SEAN, US
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[72] WESTPHAL, GRANT T., US
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[71] PETROWELL LIMITED, GB
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[54] OUTIL ABRASIF LIE ET SON PROCEDE DE FORMATION
[72] ZUYEV, KONSTANTIN S., US
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[54] **STRUCTURES DISSOLVABLES DE
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[25] EN
[54] **ARTIFICIAL LIFT SYSTEM FOR
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[72] FOUILLARD, PHIL, CA
[72] PART, DARREN, CA
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[54] **INTEGRATED COMMUNICATION
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[54] **SYSTEME D'APPLICATION ET DE
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[72] HATHAWAY, DAVID, CA
[71] WESTJET AIRLINES LTD., CA
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[62] 2,831,509

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APPLICATION**
[54] **SYSTEME D'APPLICATION ET DE
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[71] WESTJET AIRLINES LTD., CA
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[72] PANDIT, CHENNAGIRI R., US
[72] XIAO, TONG, US
[72] MANI, NEELAKANDIA S., US
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[51] **Int.Cl. B01D 46/52 (2006.01)**
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[72] KRISKO, WILLIAM J., US
[72] BISHOP, WAYNE R. W., US
[72] GIESEKE, STEVEN SCOTT, US
[72] FINNERTY, CAROLYN J., US
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[72] HILDER, DONALD B., CA
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[54] **ARTICLES ABSORBANTS DOTES DE MOTIFS GRAPHIQUES DISTINCTS, APPAREIL ET PROCEDE POUR L'IMPRESSION DE TELS ARTICLES ABSORBANTS**
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[71] THE PROCTER & GAMBLE COMPANY, US
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[72] RUAH, SARA S. HADIDA, US
[72] GROOTENHUIS, PETER D.J., US
[72] VAN GOOR, FREDRICK, US
[72] ZHOU, JINGLAN, US
[72] BEAR, BRIAN, US
[72] MILLER, MARK T., US
[72] MCCARTNEY, JASON, US
[72] NUMA, MEHDI MICHEL JAMEL, US
[72] YANG, XIAOQING, US
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[54] **CONTENANT A ALIMENTS**
[72] PARIKH, SAMIR R., CA
[72] BRUMMER, DOUG, CA
[71] GIVE & GO PREPARED FOODS CORP., CA
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[72] MORAN, JUSTIN KEITH, US

[72] RUBINO, JOSEPH THOMAS, US

[72] JAIN, NEERA, US

[72] VIDUNAS, EUGENE JOSEPH, US

[72] SIMPSON, JOHN MCLEAN, US

[72] ROBBINS, PAUL DAVID, US

[72] MERCHANT, NISHITH, US

[72] DIJOSEPH, JOHN FRANCIS, US

[72] RUPPEN, MARK EDWARD, US

[72] DAMLE, NITIN KRISHINAJI, US

[72] POPPLEWELL, ANDREW GEORGE, US

[71] WYETH HOLDINGS CORPORATION, US

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[54] **IMMUNE PRIVILEGED AND MODULATORY PROGENITOR CELLS**

[54] **CELLULES PROGENITRICES IMMUNO PRIVILEGIEES ET MODULATRICES**

[72] DAVIES, JOHN E., CA

[72] ENNIS, JANE, CA

[72] GOMEZ-ARISTIZ-ABAL, ALEJANDRO, CA

[72] BAKSH, DOLORES, CA

[71] DAVIES, JOHN E., CA

[71] ENNIS, JANE, CA

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[13] A1

[51] **Int.Cl. B01D 53/02 (2006.01)**

[25] EN

[54] **PRODUCT GAS CONCENTRATOR AND METHOD ASSOCIATED THEREWITH**

[54] **CONCENTRATEUR DE PRODUIT GAZEUX ET PROCEDE ASSOCIE**

[72] SPRINKLE, TOM, US

[72] DANIELS, WILLIAM J., US

[72] DROBNAK, THOMAS A., US

[72] FELTY, DAVID G., US

[72] HODOS, VALENTINE A., US

[72] FABIAN, MARTIN J., US

[72] SHELNUIT, SAMUEL J., US

[72] OLSZEWSKI, JONATHAN R., US

[71] INVACARE CORPORATION, US

[22] 2008-04-21

[41] 2008-10-30

[62] 2,793,228

[30] US (60/913,056) 2007-04-20

[30] US (60/968,273) 2007-08-27

[21] 2,871,459
[13] A1

[51] **Int.Cl. A61K 31/404 (2006.01) A61P 29/00 (2006.01) A61P 37/06 (2006.01)**

[25] EN

[54] **METHODS OF TREATING AN INFLAMMATORY-RELATED DISEASE**

[54] **PROCEDES PERMETTANT DE TRAITER UNE MALADIE DE TYPE INFLAMMATOIRE**

[72] WANG, LONGGUI, US

[72] LIU, XIAO MEI, US

[72] MO, LIAN, US

[72] MENCHER, SIMON K., US

[72] MCCARRON, JAMES P., JR., US

[71] NATROGEN THERAPEUTICS INTERNATIONAL, INC., US

[22] 2005-01-06

[41] 2005-08-04

[62] 2,547,963

[30] US (10/754,547) 2004-01-12

[21] 2,871,493
[13] A1

[51] **Int.Cl. C07D 401/12 (2006.01) A61K 31/15 (2006.01) A61K 31/18 (2006.01) A61K 31/395 (2006.01) A61K 31/4545 (2006.01) A61K 31/4995 (2006.01) A61K 31/55 (2006.01) A61K 31/551 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07C 311/20 (2006.01) C07D 295/26 (2006.01)**

[25] EN

[54] **DERIVATIVES OF FLUORENE, ANTHRACENE, XANTHENE, DIBENZOSUBERONE AND ACRIDINE AND USES THEREOF**

[54] **DERIVES DU FLUORENE, DE L'ANTHRACENE, DU XANTHENE, DU DIBENZOSUBERONE ET DE L'ACRIDINE ET LEURS UTILISATIONS**

[72] CHOLODY, WIESLAW M., US

[72] ZANG, YI, US

[72] ZUCK, KARINA, US

[72] WATTHEY, JEFFREY W. H., US

[72] OHLER, ZOE, US

[72] STROVEL, JEFFREY, US

[72] OHLER, GENE, US

[72] CHELLAPPAN, SHEELA, US

[72] PADIA, JANAK, US

[71] DOGWOOD PHARMACEUTICALS, INC., US

[22] 2008-05-09

[41] 2008-11-20

[62] 2,686,402

[30] US (60/928,592) 2007-05-10

[30] US (60/999,153) 2007-10-15

**Demandes canadiennes apparentées par division et
demandes mises à la disponibilité du public non disponibles auparavant**

[21] 2,871,789
[13] A1

[51] **Int.Cl. A61K 39/095 (2006.01) A61P 31/04 (2006.01) A61P 37/04 (2006.01) C07K 14/22 (2006.01)**

[25] EN

[54] **OUTER MEMBRANE VESICLE (OMV) VACCINE COMPRISING N. MENINGITIDIS SEROGROUP B OUTER MEMBRANE PROTEINS**

[54] **VACCIN A BASE DE VESICULE DE MEMBRANE EXTERNE (OMV) COMPRENANT DES PROTEINES DE MEMBRANE EXTERNE DU SEROGRUPE B DE N. MENINGITIS**

[72] PIZZA, MARIAGRAZIA, IT

[72] RAPPUOLI, RINO, IT

[72] GIULIANI, MARZIA, IT

[71] NOVARTIS VACCINES AND DIAGNOSTICS S.R.L., IT

[22] 2001-01-17

[41] 2001-07-26

[62] 2,397,508

[30] GB (0001067.8) 2000-01-17

[30] GB (0005699.4) 2000-03-09

[21] 2,871,892
[13] A1

[51] **Int.Cl. G01N 21/3504 (2014.01)**

[25] EN

[54] **METHOD OF EXHALED GAS MEASURING AND ANALYSIS AND APPARATUS THEREFOR**

[54] **PROCEDE DE MESURE ET D'ANALYSE D'UN GAZ EXPIRE ET APPAREIL POUR CELUI-CI**

[72] KUBO, YASUHIRO, JP

[72] MORI, MASAOKI, JP

[71] OTSUKA PHARMACEUTICAL CO., LTD., JP

[22] 2007-01-31

[41] 2007-08-09

[62] 2,640,717

[30] JP (2006-027365) 2006-02-03

[21] 2,871,979
[13] A1

[51] **Int.Cl. H04W 28/06 (2009.01) H04W 24/08 (2009.01) H04B 1/10 (2006.01)**

[25] EN

[54] **ASYMMETRIC ADAPTIVE MODULATION IN A WIRELESS COMMUNICATION SYSTEM**

[54] **MODULATION ADAPTATIVE ASYMETRIQUE DANS UN SYSTEME DE COMMUNICATION SANS FIL**

[72] ARVIV, ELI, IL

[72] SPINAR, BRIAN, US

[72] STANWOOD, KENNETH, US

[72] GAZELLE, DAVID, US

[72] ZIMMERMAN, OFER, IL

[72] EFRAIM, PENNY, IL

[71] WI-LAN, INC., CA

[22] 2002-08-19

[41] 2003-03-06

[62] 2,488,964

[30] US (09/938,216) 2001-08-24

[21] 2,871,992
[13] A1

[51] **Int.Cl. B02C 17/02 (2006.01) B01F 3/12 (2006.01) B01F 9/06 (2006.01) C10G 1/04 (2006.01)**

[25] EN

[54] **APPARATUS TO CREATE AN OIL SAND SLURRY**

[54] **PROCEDE ET APPAREIL DE PREPARATION DE BOUE DE SABLES BITUMINEUX**

[72] MARKS, ANITA, US

[72] WEATHERBEE, GRANT, CA

[72] KENNEDY, HEATHER, CA

[72] WALMSLEY, CHRIS, CA

[71] SUNCOR ENERGY INC., CA

[22] 2008-06-19

[41] 2009-12-19

[62] 2,635,333

[21] 2,872,032
[13] A1

[51] **Int.Cl. H04L 9/32 (2006.01) G06F 21/33 (2013.01) H04L 9/30 (2006.01)**

[25] EN

[54] **SIGNATURE-EFFICIENT REAL TIME CREDENTIALS FOR OCSP AND DISTRIBUTED OCSP**

[54] **JUSTIFICATIFS D'IDENTITE EN TEMPS REEL EFFICACES PAR SIGNATURE POUR PROTOCOLE OCSP ET PROTOCOLE OCSP REPARTI**

[72] ENGBERG, DAVID, US

[72] LIBIN, PHIL, US

[72] MICALI, SILVIO, US

[72] REYZIN, LEONID, US

[71] CORESTREET, LTD., US

[22] 2005-01-10

[41] 2005-08-04

[62] 2,551,819

[30] US (60/535,666) 2004-01-09

[30] US (60/536,817) 2004-01-15

[30] IB (PCT/US2005/000721) 2002-01-10

[21] 2,872,088
[13] A1

[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/02 (2006.01) A61K 47/10 (2006.01) A61K 47/26 (2006.01)**

[25] EN

[54] **ANTI-TNF-ALPHA ANTIBODIES IN SOLUTION AND USES THEREOF**

[54] **ANTICORPS ANTI-TNF ALPHA EN SOLUTION ET LEURS UTILISATIONS**

[72] KRAUSE, HANS-JUERGEN, DE

[72] BAUST, LISA, DE

[72] DICKES, MICHAEL, DE

[71] ABBVIE BIOTECHNOLOGY LTD., BM

[22] 2003-08-15

[41] 2004-02-26

[62] 2,854,798

[30] US (10/222,140) 2002-08-16

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[21] **2,872,089**
[13] A1
[51] **Int.Cl. A61K 47/34 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/04 (2006.01) A61K 47/10 (2006.01) A61K 47/18 (2006.01) A61K 47/26 (2006.01)**
[25] EN
[54] **ANTI-TNF-ALPHA ANTIBODIES IN SOLUTION AND USES THEREOF**
[54] **ANTICORPS ANTI-TNF ALPHA EN SOLUTION ET LEURS UTILISATIONS**
[72] KRAUSE, HANS-JUERGEN, DE
[72] BAUST, LISA, DE
[72] DICKES, MICHAEL, DE
[71] ABBVIE BIOTECHNOLOGY LTD., BM
[22] 2003-08-15
[41] 2004-02-26
[62] 2,854,798
[30] US (10/222,140) 2002-08-16

[21] **2,872,106**
[13] A1
[51] **Int.Cl. G01F 25/00 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC FLOW RATE MEASUREMENT SYSTEM AND CALIBRATOR THEREFOR**
[54] **SYSTEME ELECTROMAGNETIQUE DE MESURE DU DEBIT ET DISPOSITIF D'ETALONNAGE CONNEXE**
[72] ASADA, TAKATOSHI, JP
[72] KITAKA, DAIGO, JP
[72] OYAMATSU, YASUKO, JP
[72] KOMAI, MASAFUMI, JP
[72] OOTA, HIROYUKI, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[22] 2011-08-29
[41] 2012-02-29
[62] 2,750,990
[30] JP (2010-192718) 2010-08-30

[21] **2,872,131**
[13] A1
[51] **Int.Cl. H04W 12/12 (2009.01) H04W 4/22 (2009.01) H04W 60/00 (2009.01)**
[25] EN
[54] **MOBILE COMMUNICATION SYSTEM, BASE STATION, GATEWAY APPARATUS, CORE NETWORK APPARATUS AND COMMUNICATION METHOD**
[54] **SYSTEME DE COMMUNICATION MOBILE, STATION DE BASE, APPAREIL PASSERELLE, APPAREIL DE RESEAU CENTRAL, PROCEDE DE COMMUNICATION**
[72] UEDA, YOSHIO, JP
[72] HAYASHI, SADAFUKU, JP
[71] NEC CORPORATION, JP
[22] 2010-03-01
[41] 2010-10-21
[62] 2,758,430
[30] JP (2009-101130) 2009-04-17

[21] **2,872,134**
[13] A1
[51] **Int.Cl. G06Q 30/08 (2012.01) G06Q 40/04 (2012.01)**
[25] EN
[54] **AUCTION MARKET WITH PRICE IMPROVEMENT MECHANISM**
[54] **MARCHE AUX ENCHERES AVEC MECANISMES D'AMELIORATION DES PRIX**
[72] MADOFF, PETER B., US
[72] CASANOVA, ALBERTO C., US
[72] KEITH, CHRISTOPHER, US
[71] PRIMEX HOLDINGS LLC, US
[22] 2000-03-17
[41] 2000-09-28
[62] 2,367,069
[30] US (09/272,542) 1999-03-19

[21] **2,872,160**
[13] A1
[51] **Int.Cl. F21V 7/04 (2006.01) F21S 8/08 (2006.01) F21V 7/10 (2006.01) F21V 19/00 (2006.01)**
[25] EN
[54] **ROADWAY LUMINAIRE AND METHODS OF USE**
[54] **LUMINAIRE POUR L'ECLAIRAGE ROUTIER ET PROCEDES D'UTILISATION**
[72] BOYER, JOHN D., US
[72] VANDEN EYNDEN, JAMES G., US
[71] LSI INDUSTRIES, INC., US
[22] 2008-10-14
[41] 2009-04-23
[62] 2,812,765
[30] US (60/980,562) 2007-10-17
[30] US (12/166,536) 2008-07-02

[21] **2,872,576**
[13] A1
[51] **Int.Cl. A61B 5/145 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING ANALYTE SENSOR INSERTION**
[54] **PROCEDE ET DISPOSITIF PERMETTANT L'INSERTION D'UN DETECTEUR D'ANALYTES**
[72] STAFFORD, GARY ASHLEY, US
[71] ABBOTT DIABETES CARE INC., US
[22] 2007-09-27
[41] 2008-04-03
[62] 2,664,710
[30] US (11/535,983) 2006-09-28

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WANG, QIN	2,749,189	YACH, DAVID P.	2,707,734		
WANG, SHIH CHANG	2,795,378	YAMAGUCHI, KIYOSHI	2,638,185		
WANG, XUE	2,675,519	YAMAMOTO, NORIO	2,557,541		
WANG, YE-KUI	2,666,452	YAMAMOTO, YOSHIKO	2,557,541		
WANG, YONG	2,616,263	YAMAMURA, HIDEAKI	2,515,509		
WANG, YULIN	2,734,937	YAMAUCHI, YUKINAO	2,557,541		
WARD, GREGORY JOHN	2,563,520	YAMAURA, KAZUHIRO	2,594,629		
WARD, ROBERT S.	2,526,585	YAMAZAKI, FUMIE	2,831,368		
WARDEN, MATTHEW P.	2,545,670	YANG, EN-HUI	2,738,144		
WARNER, IAN LINDSTRAND	2,703,622	YANG, GUAN	2,722,098		
WASHINGTON UNIVERSITY	2,616,263	YANG, HSIN-CHIH	2,759,134		
WATTBIKE IP LIMITED	2,697,297	YANG, JIANZHONG	2,701,892		
WEATHERFORD/LAMB, INC.	2,446,984	YANG, JU	2,722,098		
WEATHERFORD/LAMB, INC.	2,759,401	YANG, TAI-HIER	2,607,040		
WEERS, JERRY J.	2,701,892	YEH, SABRINA	2,751,300		

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101061615 SASKATCHEWAN LTD.	2,822,838	BOYKO, JAMES	2,852,818	DASSAULT SYSTEMES	2,853,255
101061615 SASKATCHEWAN LTD.	2,822,840	BRETTON, MARCEL	2,852,478	DE PALMA, JEAN-FRANCOIS	2,851,850
2178450 ONTARIO INC.	2,853,382	BRIDGES, KEVIN J.	2,852,340	DELMAGE, CHARLES B.	2,840,499
ABDULLA, LOAI	2,818,382	BROCKIE, SCOTT W.	2,817,903	DEMPSKI, KELLY L.	2,853,110
ABURTO ANELL, JORGE ARTURO	2,852,865	BROEKER, GUENTER	2,847,195	DENNEY, JAMES R.	2,853,560
ACCENTURE GLOBAL SERVICES LIMITED	2,853,110	BRYAN, THOMAS B.	2,829,731	DEPEYRE, SERGE	2,853,113
ACCURATE BOX COMPANY, INC.	2,852,093	BURDEN, ROBERT ERIC	2,817,477	DERCLAYE, ALAIN	2,852,180
ACTIVE PRODUCTS INC.	2,830,095	BURDEN, ROBERT ERIC	2,819,738	DIDEHVAR, KAVEH	2,853,005
ACTIVE PRODUCTS INC.	2,830,096	BURDI, ROGER D.	2,853,082	DITTA, JOSEPH	2,817,563
ADIGE S.P.A.	2,852,837	BURRY, AARON MICHAEL	2,852,387	DITTA, PAUL LUKE	2,817,563
AIR LIQUIDE MEDICAL SYSTEMS	2,853,919	BYRNE, NORMAN R.	2,853,082	DITTA, VITO	2,817,563
AIRWATERGREEN AB	2,852,539	C&C GROUP S.R.L.	2,852,416	DOUGLAS, JON	2,845,433
ALVAREZ RAMIREZ, FERNANDO	2,852,863	CAMA1 S.P.A.	2,851,943	DULL, KENNETH M.	2,851,006
ARC MEDIA INC.	2,817,493	CARBALLAR, ENRIQUE CANO	2,851,927	DURANTAY, LIONEL	2,851,971
ASKES, ANDREW MARTIN	2,817,493	CARDINAL IG COMPANY	2,850,875	EATON CORPORATION	2,851,736
ASSOUS, SAID	2,853,108	CARON, RICHARD	2,852,832	EDSTROM, FREDRIK	2,852,539
ATHERTON, JAY	2,848,837	CASADEI, CLAUDIO	2,852,416	EDUCAN INSTITUTIONAL FURNITURE LTD.	2,817,748
AUDET, STEVEN	2,853,158	CASAGRADA, MARCO	2,852,837	EGGEMEYER, AARON L.	2,846,026
BAGHAIE, MARJAN	2,853,110	CASTRO SOTELO, LAURA VERONICA	2,852,863	ELDER, DAVID	2,853,086
BAO, YUN	2,853,518	CAUGHEY, EDWARD C.	2,853,543	ELIYAHU, JENNY	2,852,478
BARKA, GUNES	2,852,961	CAVALCANTI, VICTOR TENORIO	2,852,976	ELKINGTON, PETER ADRIAN SPENCER	2,853,108
BARRETTE OUTDOOR LIVING, INC.	2,852,725	CAVALLARI, MASSIMO	2,851,893	ESTKOWSKI, REGINA INEZ	2,845,023
BASF SE	2,853,543	CEMBLEND SYSTEMS INC.	2,853,143	ESTRADA BUENDIA, ARISTEO	2,852,863
BAUMLISBERGER, DOMINIC	2,852,961	CENTER-PLUS	2,853,408	ESTRADA MARTINEZ, ARQUIMEDES	2,852,863
BAYLEY, ROBERT D.	2,852,408	CEQUENT CONSUMER PRODUCTS, INC.	2,852,782	EVANS, JAY	2,818,320
BAZIERE, FRANK DARIER FDB	2,820,336	CERON CAMACHO, RICARDO	2,852,865	EVANS, JAY	2,818,405
BELLANTE, DANIELE	2,851,943	CHABOT, MARIO	2,817,617	EVERETT, DAVID WILLIAM	2,852,976
BELMANS, PHILIPPE ROBERT FELIX	2,853,030	CHANNELL COMMERCIAL CORP.	2,852,731	EVOLUTION LIGHTING, LLC	2,853,010
BENAKSAS, ABRAHAM	2,853,666	CHAUDHURI, NILANJAN RAY	2,851,966	FARO, ISABELLE	2,853,113
BERG, ERIC	2,844,949	CHAVEZ GOMEZ, BENJAMIN	2,852,865	FARRELL, CHRISTOPHER JOHN	2,853,048
BERG, ERIC	2,845,433	CHEBROUX, CHRISTOPHE	2,852,422	FARRELL, MICHAEL JAMES	2,850,067
BERNART, FRANCIS	2,852,782	CHOWANIEC, DAVID	2,852,092	FARROW, DARRIN B.	2,866,283
BHANDARI, KRISHNA HARI	2,817,728	CHU, HAK KEE	2,817,761	FAUCHET, ALAIN	2,853,255
BHARDWAJ, SAHIL	2,817,469	CLOUX, JONATHAN	2,853,255	FIELD CONTROLS, L.L.C.	2,852,429
BIBBER, JOHN W.	2,853,422	COHEN, GRAHAME KEITH	2,853,111	FIRKO, JASON LAWRENCE	2,845,742
BITCAN GEOSCIENCES & ENGINEERING	2,817,612	COLMENARES, SIMON OCTAVIO	2,852,100	FISK, ANDREW E.	2,850,878
BLYAU, PASCAL	2,852,920	COOK, ANTHONY J.	2,851,851	FIXMO, INC.	2,852,572
BOGER, CHAD L.	2,850,067	COOPER TIRE & RUBBER COMPANY	2,836,142	FLECK, RANDY E.	2,853,543
BOLLMANN, ANDREAS	2,852,065	CORREA, BENEDITO	2,853,585	FLORES OROPEZA, EUGENIO ALEJANDRO	2,852,863
BOSELLI, GIOVANNI	2,851,893	CORREA, BENEDITO	2,853,606	FLORES SANDOVAL, CESAR ANDRES	2,852,863
BOUDOUX, CAROLINE	2,817,472	COTE, DENIS	2,852,704	FMR LLC	2,865,984
BOUDREAU, DENIS	2,817,358	COUTO, WALLY	2,844,691	FOSHAN IDEAL CO., LTD.	2,820,300
BOULKENAFED, MALIKA	2,853,030	COVIDIEN LP	2,849,543	FOX, PRESTON R.	2,851,008
BOWERS, BRIAN	2,852,895	COVIDIEN LP	2,852,092	FREEMAN CAPITAL COMPANY	2,848,837
		CROW, CARL EDWARD	2,848,837	FREEMAN, STUART	2,852,920
		D'ALTO, LUIS PEDRO	2,852,573	GABOARDI, PAOLO	2,851,893
		DAHLBACK, PER	2,852,539	GAUL, MICHAEL	2,851,077
		DASSAULT SYSTEMES	2,853,030		

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GELUS, DOMINIQUE	2,849,840	HYMEL, JON	2,851,736	LEPAGE, FRANCOIS	2,853,270
GELUS, DOMINIQUE	2,849,841	INCONNUE	2,817,617	LEPELTIER, PHILIPPE	2,853,113
GENERAL ELECTRIC COMPANY	2,851,927	INSCAPE CORPORATION	2,852,322	LIFESCAN SCOTLAND LIMITED	2,853,086
GENERAL ELECTRIC COMPANY	2,851,966	INSTITUTO MEXICANO DEL PETROLEO	2,852,863	LINDE AKTIENGESellschaft	2,852,409
GEORGESON, GARY E.	2,847,128	INSTITUTO MEXICANO DEL PETROLEO	2,852,865	LING, RICHARD	2,852,299
GERMANI, DAMIEN	2,853,919	INTELLIGENT CLEARING NETWORK, INC.	2,853,594	LINNETT, LAURENCE	2,853,108
GETZLAF, DONALD	2,853,143	ISHIMURA, YASUSHI	2,817,864	LIONHEART, DAVID	2,853,828
GILUPI GMBH	2,852,065	JAASKELAINEN, MIKKO	2,850,205	LIU, MING	2,830,095
GIRONELLA, BONNIE R.	2,819,689	JACOBS, JEREMY J.	2,836,142	LIU, MING	2,830,096
GOEL, RAKESH	2,844,949	JIN, LUOJUN	2,817,301	LOPEZ ORTEGA, ALFONSO	2,852,863
GOEL, RAKESH	2,845,433	JR CHEM, LLC	2,853,584	LOUDON, JONATHAN	2,830,095
GOODALL, MICHAEL L.	2,846,026	JULIEN, ANDRE	2,851,077	LOUDON, JONATHAN	2,830,096
GOODRICH CORPORATION	2,852,584	K-LINE INDUSTRIES, INC.	2,853,080	LUCAS, JONATHAN CHARLES ERIC	2,817,493
GRASSO, GUISEPPE	2,852,105	KAIVERS, SEBASTIAN	2,818,424	LUCKE, KLAUS	2,852,065
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GRIGNARD, JEAN FRANCOIS	2,851,971	KEIRTON MANUFACTURING LTD.	2,818,320	MABE, S.A. DE C.V.	2,852,304
GUCKENBERGER, MATTHEW ARTHUR CHRISTIAN	2,852,976	KEIRTON MANUFACTURING LTD.	2,818,405	MACLEAN, MICHAEL	2,853,413
GUIDUCCI, HADRIEN	2,853,919	KENAN, MICHAEL	2,851,851	MADJAR, DAMJAN	2,853,148
GULFSTREAM AEROSPACE CORPORATION	2,852,100	KEURO BESITZ GMBH & CO. EDV-DIENSTLEISTUNGS		MADSEN, KRISTIAN	
GUO, XIPING XPG	2,817,980	KG	2,853,535	LEHMANN	2,852,544
GUZOREK, STEVEN E.	2,852,429	KIAMAN, GEORGE	2,853,403	MADSEN, STEEN	2,852,544
HALBERT TERENCE L.	2,846,026	KIAMAN, MICHAEL	2,853,403	MAGDALINIS, AURELIAN VALERIU	2,852,478
HALLIBURTON ENERGY SERVICES, INC.	2,850,205	KIDDE TECHNOLOGIES, INC.	2,853,430	MARSCHKE, KARL WARNER	2,852,976
HALLMARK CARDS, INCORPORATED	2,852,340	KINNEY, KEVIN BRUCE	2,852,976	MARTINEZ PALOU, RAFAEL	2,852,865
HALTER, CHRISTOPHE	2,818,424	KISMARTON, MAX U.	2,847,859	MARTINEZ VILLARREAL, LUIS ALBERTO	2,852,304
HAMILTON SUNDSTRAND CORPORATION	2,853,442	KLASSEN, HENRY JAMES	2,853,413	MASSARI, ROSSANO	2,853,086
HARRISON, DONALD W.	2,818,123	KMIECIK-LAWRYNOWICZ, GRAZNYA E.	2,852,408	MATSEN, MARC ROLLO	2,847,856
HARRISON, JACQUE S.	2,818,123	KNOWLES, THOMAS II	2,853,080	MATTMILLER, AARON	2,849,543
HAUBACH, TIMOTHY J.	2,853,010	KOREA INSTITUTE OF GEOSCIENCE AND		MATUTE, DIEGO	2,853,411
HAUGEN, HARVEY	2,822,838	MINERAL RESOURCES	2,853,432	MAYO, JAMES D.	2,852,478
HAUGEN, HARVEY	2,822,840	KOVACH, DANIEL J.	2,847,128	MAZZA, CHRISTOPHER	2,845,742
HEATH, MITCHELL	2,852,895	KRENDL, WOLFGANG		MCDONOUGH, JOHN	2,865,984
HERAEUS MEDICAL GMBH	2,852,352	WILHELM	2,817,170	MCKELLAR, AARON	2,818,320
HERAEUS MEDICAL GMBH	2,852,356	KROENING, ADAM M.	2,851,925	MCKELLAR, AARON	2,818,405
HERAEUS MEDICAL GMBH	2,852,508	KUMAR, VINAY	2,817,301	MCLEAN, BRIAN	2,853,382
HERNANDEZ CORTEZ, JOSE GONZALO	2,852,863	LAGREE, JAMES L.	2,851,736	MCMASTER, WILLIAM J.	2,853,543
HILL PHOENIX, INC.	2,852,818	LAM, HEATHER	2,830,095	MCWHIRTER, RICK	2,851,893
HILL, LEE	2,851,927	LAM, HEATHER	2,830,096	MEMPROTEC INC.	2,852,704
HIRSH, LISA	2,852,093	LAM, WING YOUNG	2,852,572	MERSEN USA NEWBURYPORT-MA, LLC	2,851,850
HOGANSON, KENNETH MICHAEL	2,853,467	LANDRUM, MICHAEL T.	2,853,840	MESSIER-BUGATTI-DOWTY	2,852,422
HOLMES, KEVIN C.	2,852,739	LAVEROCK VON SCHOULTZ LIMITED	2,852,920	MIKITA, ALEX	2,853,005
HONEYWELL INTERNATIONAL INC.	2,851,918	LAVOIE, FELIX-ANTOINE	2,817,358	MILLER, ROBERT J.	2,847,128
HONEYWELL INTERNATIONAL INC.	2,851,925	LEBOEUF, STEPHANE	2,849,840	MILLER, ROBERT JAMES	2,847,856
HONEYWELL INTERNATIONAL INC.	2,852,299	LEBOEUF, STEPHANE	2,849,841	MITY-LITE, INC.	2,852,895
HOSTERT, CLAUDE	2,818,424	LECH, SLAWOMIR	2,853,408	MOECKLY, KEVIN	2,852,299
HOULE, ANDRE	2,830,042	LEDGERPAL INC.	2,853,346	MOORLAG, CAROLYN	2,852,478
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HUDSON, ROBERT	2,853,539	LEE, MICHAEL	2,852,832	MURPHY, JORDAN	2,817,608
		LEMAIRE, STEPHANIE	2,849,840	NAKAMURA, MASAFUMI	2,853,144
		LEMAIRE, STEPHANIE	2,849,841	NASCIMENTO, CLAUDIO AUGUSTO OLLER	2,853,585
		LENNOX INDUSTRIES INC.	2,844,949	NASCIMENTO, CLAUDIO AUGUSTO OLLER	2,853,606
		LENNOX INDUSTRIES INC.	2,845,433	NATARAJAN, RAMKUMAR	2,853,143
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NIP, JASON	2,852,988	SAWYER, BYRON SETH	2,852,976	TONN, DONALD	2,849,543
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OBERLE, MARKUS	2,853,535	SCHMIDER, JOHN	2,830,095	TRENTIN, EDOARDO	2,852,837
OCULUS TRANSPORT LTD.	2,853,413	SCHMIDER, JOHN	2,830,096	TREVISAN, CLAUDIO	2,851,893
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PALL CORPORATION	2,853,518	SCHULTE, BRIAN	2,853,594	UNIVERSIDADE DE SAO PAULO - USP	2,853,606
PAQUET, ALAIN	2,817,886	SEARS BRANDS, LLC	2,853,539	UNIVERSIDADE DE SAO PAULO- USP	2,853,585
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PHARMASCIENCE INC.	2,817,728	SMITH, BRIAN W.	2,847,856	VAZQUEZ MORENO, FLAVIO SALVADOR	2,852,863
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PRIBANIC, RUSSELL	2,852,092	SORENSEN, NICOLE ANN	2,852,976	VOGT, SEBASTIAN	2,852,352
PULSE TECHNOLOGIES, INC.	2,850,878	SOURCE PRO ELECTRICAL MFG., CO., LTD.	2,817,761	VOGT, SEBASTIAN	2,852,356
QIU, SHIGANG STEVEN	2,852,408	SPECTRUM BRANDS, INC.	2,852,976	VOGT, SEBASTIAN	2,852,508
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RAMIREZ, JOSE E.	2,853,584	STRAIN, PETER	2,853,382	WASKIEWICZ, ALEXANDER M.	2,849,543
RATELLE, OLIVIER	2,817,358	STREET, WILLIAM A.	2,852,739	WEBB, JOSEPH	2,853,005
RAWLINGS, DIANE C.	2,847,128	STROMQUIST, MARTY	2,853,143	WEBB, MICHAEL	2,817,301
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RIBAROV, LUBOMIR A.	2,853,442	SZABO, LESLIE I.	2,819,902	WEST, NEIL E.	2,851,008
RICHARD, SARAH ELIZABETH	2,852,340	TADANO LTD.	2,853,144	WEYERHAEUSER NR COMPANY	2,852,072
RICKMAN, GENE E.	2,852,731	TAISANT, JEAN-PHILIPPE	2,853,113	WILLIAMS, RYAN V.	2,852,092
ROBERTSON, JON	2,853,594	TAKASHIMA, HIROSHI	2,853,144	WINTEROWD, JACK G.	2,852,072
RODRIGUEZ DOMINGUEZ, RAFAEL	2,852,865	TALWAR, NARESH	2,817,728	WISCHMEYER, ED	2,852,100
ROGERS COMMUNICATIONS INC.	2,817,301	TECHSPACE AERO S.A.	2,852,180	WS TECHNOLOGIES INC.	2,852,739
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ROMERO, FRANCISCO	2,844,900	TERHORST, BRUCE R.	2,851,736	WYNALDO LITHO, INC.	2,853,560
ROSS, DAMON B.	2,851,608	THAKRAR, HARSHIL	2,817,748	XEROX CORPORATION	2,852,387
RUDNER, BONNIE-JO	2,853,666	THAKRAR, NAT	2,817,748	XEROX CORPORATION	2,852,408
RUPP, PETER L.	2,852,243	THALES	2,853,113	XEROX CORPORATION	2,852,478
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SABEL, ANDRE	2,853,535	THE BOEING COMPANY	2,845,472	YIN, WEIJUN	2,851,971
SALEHI-ABARI, AMIRALI	2,817,477	THE BOEING COMPANY	2,845,742	YUAN, YANGUANG	2,817,612
SALEHI-ABARI, AMIRALI	2,819,738	THE BOEING COMPANY	2,846,026		
SALVADORI, MARCIA REGINA	2,853,585	THE BOEING COMPANY	2,847,128		
SALVADORI, MARCIA REGINA	2,853,606	THE BOEING COMPANY	2,847,856		
		THE BOEING COMPANY	2,847,859		
		THE BOEING COMPANY	2,850,067		
		THE BOEING COMPANY	2,851,006		
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HAEGELE, BERND	2,872,285	HAYASE, HIROKI	2,872,645	HONDA MOTOR CO., LTD.	2,872,843
HAGENS, STEVEN	2,872,694	HAYES, NATHAN	2,872,653	HONJI, MASATOSHI	2,872,481
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HAIRSTON, WILLIAM G.	2,870,724	HEDHAMMAR, MY	2,872,305	HOOD, PETER DAVID	2,872,815
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HALLAC, BASSEM	2,872,510	HEINZE, ERICH	2,872,761	HORI, HISASHI	2,872,255
HALLIBURTON ENERGY SERVICES, INC.	2,861,665	HEKMAT, DARIUSCH	2,872,145	HORI, KATSUTOSHI	2,872,645
HALLIBURTON ENERGY SERVICES, INC.	2,872,231	HEK, BERNHARD	2,872,145	HORVATH, JOSHUA	2,872,413
HALLIBURTON ENERGY SERVICES, INC.	2,872,278	HELMING, MARCUS	2,872,078	HOWARD, PHILIP WILSON	2,872,205
HALLIBURTON ENERGY SERVICES, INC.	2,872,296	HENKE PROPERTY UG		HOWELL, JUSTIN A.	2,872,945
HALLIBURTON ENERGY SERVICES, INC.	2,872,626	(HAFTUNGSBESCHRANK T)	2,872,490	HOYMAN, CHRISTIAN	2,872,866
HALLIBURTON ENERGY SERVICES, INC.	2,872,864	HENKE, MATTHIAS	2,872,490	HSU, HENRY H.	2,872,527
HALLIBURTON ENERGY SERVICES, INC.	2,872,865	HENNY PENNY		HSU, KUANG	2,872,644
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HALNOR, TIMOTHY D.	2,872,514	HENRY, RALPH L.	2,872,713	HUANG, KEVIN	2,872,859
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INTELLIGENT ENERGY		JONES, STUART A.	2,872,483	KABUSHIKI KAISHA	2,872,605
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LIU, GANGQIAO	2,872,445	MANAGED PRESSURE		MCGIRR, LAURA JANE	2,871,691
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LIU, XUEDONG	2,872,452	MANCHESTER, JONATHAN		MCKENZIE, SCOTT	2,872,321
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LIU, ZHAN-BIN	2,872,096	MANDA, ION	2,872,438	MCMAHON, MICHAEL T.	2,872,519
LIU, ZHENG	2,872,891	MANDELL, DANIEL MICHAEL	2,872,055	MCNEILL, PATRICIA DIANNE	2,872,777
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THISTLETHWAITE, JAMES R., III	2,872,729	TROKHAN, PAUL DENNIS	2,872,774	UTKHEDE, DEEPANK	2,872,338
THODEN, JAMES B.	2,872,822	TRUE FORM, LLC	2,872,422	VACCINEX, INC.	2,872,928
THODEN, JAMES B.	2,872,828	TRUONG, QUANG	2,872,100	VAINER, GADALIA	2,872,538
THOMAS, MARK A.	2,872,763	TSUTSUMI, MANAMI	2,872,932	VALDERRABANO, VICTOR	2,872,799
THOMASCHEWSKI, OLIVER	2,872,533	TUCKER, ERIK	2,872,926	VALENTINO, DANIEL J.	2,872,729
THOMASCHEWSKI, OLIVER	2,872,536	TUFTE, NILS-JOHAN	2,872,610	VALINSKY, JOSEPH	2,872,496
THOMSEN, KARL KRISTIAN	2,872,936	TULLNEY, HEIKO	2,872,031	VALKONEN, SANNA	2,872,333
THRANE, UFFE	2,872,013	TULLNEY, HEIKO	2,872,036	VALLEE, DANIEL	2,872,897
THURSTON, DAVID EDWIN	2,872,205	TURGIS, RAPHAEL	2,872,084	VALLOUREC OIL AND GAS FRANCE	2,872,253
TIACCI, ENRICO	2,872,857	TURLEY, ROCKY A.	2,872,152	VALLOUREC OIL AND GAS FRANCE	2,872,848
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TINEL, HANNA	2,872,906	TURNER, LEIGH RICHARD	2,872,831	VALLS, ISAAC	2,872,748
TINEMBART, JEAN-FRANCOIS	2,872,931	TUSLER, WOLFGANG	2,872,285	VALMET AB	2,872,229
TING, LUCAS H.	2,872,731	TYCO ELECTRONICS CORPORATION	2,872,301	VAN CAMPEN, JAN	2,872,888
TOEPFER, KATHARINA HEDWIG	2,872,961	TYCO FIRE & SECURITY GMBH	2,872,401	VAN DEN WIJNGAARD, PAUL	2,872,592
TOGNARELLI, LEONARDO	2,872,916	TYSON, KERRY LOUISE	2,872,326	VAN DER KAR, CATHERINE	2,872,530
TOKHTUEV, EUGENE	2,872,662	UBE INDUSTRIES, LTD.	2,872,599	VAN DER WALT, NICHOLAS	2,872,629
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TOKUNAGA, KUNIHICO	2,872,463	UCB PHARMA S.A.	2,872,328	VAN HOVE, SARAH	2,872,363
TOKYO MECHATRONICS CO. LTD.	2,872,847	UCHINO, SATOSHI	2,872,843	VAN HOVE, SARAH	2,872,368
TOLMAN, RANDY C.	2,872,794	UCL BUSINESS PLC	2,872,205	VAN REENEN, WOUTER	2,872,520
TOMIC, RATKO V.	2,872,831	UHDE FERTILIZER TECHNOLOGY B.V.	2,872,529	VAN ROMPAEY, JOHAN	2,872,363
TOMRA SORTING LIMITED	2,872,594	ULLMER, CHRISTOPH	2,872,213	VAN ROMPAEY, JOHAN	2,872,368
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		UMEHARA, NAOKI	2,872,603		
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		UNILEVER PLC	2,872,903		
		UNITED TECHNOLOGIES CORPORATION	2,872,038		
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VOLERY, PASCAL	2,872,319	WESTERN UNIVERSITY OF HEALTH SCIENCES	2,872,779	XU, YINGQING	2,872,404
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VOLVO CONSTRUCTION EQUIPMENT AB	2,872,608	WESTON, LAURA JEAN	2,872,300	XU, YUEMING	2,872,717
VOSSLOH-WERKE GMBH	2,872,885	WHITE, NATHAN J.	2,872,731	XU, ZHIYUE	2,872,403
VOUDOURIS, JOHN	2,872,303	WHITTA STATE UNIVERSITY	2,872,147	XU, ZHIYUE	2,872,404
VROMAN, HILDA B.	2,872,869	WIEDER, KURT	2,872,337	XU, ZHIYUE	2,872,672
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YEAN, SUJIN	2,872,808		
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YODER, R. CRAIG	2,872,729		
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YOSHIMICHI, HITOSHI	2,872,641		
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YOUNG, DAVID	2,872,544		
YOUNG, JAMES	2,872,500		
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YOUNG, LYMAN ARNOLD	2,872,792		
YOUNG, LYMAN ARNOLD	2,872,793		
YOUNG, LYMAN ARNOLD	2,872,804		
YOUNG, LYMAN ARNOLD	2,872,808		
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YUAN, YU	2,872,100		
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ZHANG, JIANCUN	2,872,118		
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ZHANG, YINGNI	2,872,824		
ZHANG, ZHE	2,871,919		
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STANWOOD, KENNETH	2,871,979
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STROVEL, JEFFREY	2,871,493
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SULEIMAN, IVAN	2,868,758
SUNCOR ENERGY INC.	2,871,992
THE PROCTER & GAMBLE COMPANY	2,869,815
TODD, BRADLEY L.	2,868,758
UEDA, YOSHIO	2,872,131
VALY, ANDREW F.	2,869,788
VAN GOOR, FREDRICK	2,869,945
VANDEN EYNDEN, JAMES G.	2,872,160
VANDERBILT UNIVERSITY	2,868,135
VERTEX PHARMACEUTICALS INCORPORATED	2,869,945
VIDUNAS, EUGENE JOSEPH	2,871,117
WAITZ, SANDRA A.	2,847,510
WALMSLEY, CHRIS	2,871,992
WANG, LONGGUI	2,871,459
WARNER, ALRICK VINCENT	2,869,815
WARREN, ROGER D.	2,847,510
WASSERMAN, MARK A.	2,867,838
WATTHEY, JEFFREY W. H.	2,871,493
WEATHERBEE, GRANT	2,871,992
WELTON, THOMAS D.	2,868,758
WESTJET AIRLINES LTD.	2,868,981
WESTJET AIRLINES LTD.	2,868,997
WESTJET AIRLINES LTD.	2,869,001
WESTPHAL, GRANT T.	2,867,838
WI-LAN, INC.	2,871,979
WILLIAMS, CABRAL M.	2,870,402
WRIGHT, MATTHEW	2,869,214
WYETH HOLDINGS CORPORATION	2,871,117
XIAO, TONG	2,869,539
YANG, XIAOQING	2,869,945
YEATON, ERIC	2,867,814
ZANG, YI	2,871,493
ZHOU, JINGLAN	2,869,945
ZIMMERMAN, OFER	2,871,979
ZOLL CIRCULATION, INC.	2,868,199
ZONES, STACEY I.	2,870,402
ZUCK, KARINA	2,871,493
ZUYEV, KONSTANTIN S.	2,868,079